

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023372.D
 Acq On : 22 Jul 2021 11:31
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:13:33 PM

Quant Time: Jul 22 12:04:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 22 11:25:54 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	230281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	371639	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	327464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165851	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	464878	152.026	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	304.060%#
35) Dibromofluoromethane	5.397	113	381214	158.810	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	317.620%#
50) Toluene-d8	8.653	98	1380833	155.111	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	310.220%#
62) 4-Bromofluorobenzene	11.085	95	511709	152.712	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	305.420%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	339689	162.465	ug/l	100
3) Chloromethane	1.294	50	367314	171.079	ug/l	100
4) Vinyl Chloride	1.374	62	400793	178.370	ug/l	99
5) Bromomethane	1.599	94	203735	159.232	ug/l	100
6) Chloroethane	1.666	64	209285	143.840	ug/l	100
7) Trichlorofluoromethane	1.874	101	633983	165.020	ug/l	100
8) Diethyl Ether	2.136	74	232544	163.120	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	360957	160.776	ug/l	97
10) Methyl Iodide	2.447	142	470475	167.704	ug/l	97
11) Tert butyl alcohol	3.001	59	496606	748.318	ug/l	98
12) 1,1-Dichloroethene	2.312	96	357196	170.857	ug/l	99
13) Acrolein	2.239	56	254262	612.842	ug/l	99
14) Allyl chloride	2.660	41	666109	181.606	ug/l	95
15) Acrylonitrile	3.075	53	1143275	870.111	ug/l	98
16) Acetone	2.392	43	985408	782.331	ug/l	94
17) Carbon Disulfide	2.501	76	937004	204.355	ug/l	99
18) Methyl Acetate	2.715	43	525364	172.207	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	1278770	164.870	ug/l	98
20) Methylene Chloride	2.788	84	394784	147.859	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	380896	168.416	ug/l	95
22) Diisopropyl ether	3.776	45	1322774	172.422	ug/l	92
23) Vinyl Acetate	3.733	43	5872518	898.208	ug/l	96
24) 1,1-Dichloroethane	3.611	63	725898	168.251	ug/l	98
25) 2-Butanone	4.574	43	1670234	870.720	ug/l	93
26) 2,2-Dichloropropane	4.483	77	595375	165.439	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	447248	164.345	ug/l	97
28) Bromochloromethane	4.910	49	326151	160.149	ug/l	94
29) Tetrahydrofuran	5.019	42	1134568	915.961	ug/l	89
30) Chloroform	5.105	83	729776	158.481	ug/l	99
31) Cyclohexane	5.477	56	663691	173.049	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	654120	162.899	ug/l	99
36) 1,1-Dichloropropene	5.696	75	545551	163.198	ug/l	98
37) Ethyl Acetate	4.733	43	665609	178.882	ug/l	94
38) Carbon Tetrachloride	5.684	117	578768	167.365	ug/l	99
39) Methylcyclohexane	7.385	83	692065	174.315	ug/l	98
40) Benzene	6.043	78	1582421	162.716	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023372.D
 Acq On : 22 Jul 2021 11:31
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:13:33 PM

Quant Time: Jul 22 12:04:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 22 11:25:54 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	355794	172.257	ug/l	92
42) 1,2-Dichloroethane	6.098	62	584273	152.389	ug/l	96
43) Isopropyl Acetate	6.354	43	1057345	171.990	ug/l	94
44) Trichloroethene	7.129	130	437910	159.503	ug/l	100
45) 1,2-Dichloropropane	7.440	63	422132	165.605	ug/l	98
46) Dibromomethane	7.586	93	290073	160.950	ug/l	99
47) Bromodichloromethane	7.830	83	548083	167.200	ug/l	100
48) Methyl methacrylate	7.702	41	494821	165.519	ug/l	88
49) 1,4-Dioxane	7.671	88	203132	3070.677	ug/l	98
51) 4-Methyl-2-Pentanone	8.586	43	3081156	809.658	ug/l	92
52) Toluene	8.726	92	988967	158.234	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	634415	175.798	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	682701	177.826	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	398630	152.040	ug/l	99
56) Ethyl methacrylate	9.122	69	663344	162.703	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	661014	152.245	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	1592704	805.417	ug/l	97
59) 2-Hexanone	9.439	43	2406198	826.874	ug/l	89
60) Dibromochloromethane	9.525	129	432011	171.177	ug/l	99
61) 1,2-Dibromoethane	9.616	107	431030	160.264	ug/l	100
64) Tetrachloroethene	9.281	164	396732	151.067	ug/l	97
65) Chlorobenzene	10.085	112	1042236	159.099	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.171	131	393107	166.305	ug/l	99
67) Ethyl Benzene	10.201	91	1857507	160.842	ug/l	96
68) m/p-Xylenes	10.305	106	1450085	328.873	ug/l	96
69) o-Xylene	10.646	106	718146	162.412	ug/l	97
70) Styrene	10.659	104	1201105	167.064	ug/l	98
71) Bromoform	10.805	173	328086	195.964	ug/l #	99
73) Isopropylbenzene	10.969	105	1873113	157.060	ug/l	98
74) N-amyl acetate	10.848	43	908748	176.846	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.219	83	613977	161.387	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	541690m	158.827	ug/l	
77) Bromobenzene	11.201	156	455929	153.780	ug/l	97
78) n-propylbenzene	11.311	91	2155481	156.648	ug/l	98
79) 2-Chlorotoluene	11.372	91	1290360	152.897	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	1569729	154.617	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	227366	196.401	ug/l	97
82) 4-Chlorotoluene	11.457	91	1499409	157.847	ug/l	100
83) tert-Butylbenzene	11.719	119	1529383	157.883	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	1563438	156.066	ug/l	99
85) sec-Butylbenzene	11.896	105	1979273	159.114	ug/l	99
86) p-Isopropyltoluene	12.012	119	1659013	159.513	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	863482	156.508	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	870315	156.975	ug/l	99
89) n-Butylbenzene	12.335	91	1518226	166.561	ug/l	99
90) Hexachloroethane	12.542	117	290453	187.494	ug/l	94
91) 1,2-Dichlorobenzene	12.341	146	828205	151.911	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	154715	191.061	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	557170	164.581	ug/l	99
94) Hexachlorobutadiene	13.725	225	234437	162.884	ug/l	98
95) Naphthalene	13.780	128	1943978	171.839	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	561188	165.164	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
Data File : VX023372.D
Acq On : 22 Jul 2021 11:31
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
7/23/2021 5:13:33 PM

Quant Time: Jul 22 12:04:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 22 11:25:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

