

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
 Data File : VX023107.D
 Acq On : 02 Jul 2021 13:26
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

SAM
 7/6/2021 1:53:16 PM

Quant Time: Jul 02 14:15:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:06:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	292053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	475876	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	454299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	237993	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	620115	162.990	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	325.980%#
35) Dibromofluoromethane	5.397	113	492422	168.105	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	336.200%#
50) Toluene-d8	8.653	98	1833957	164.647	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	329.300%#
62) 4-Bromofluorobenzene	11.085	95	749706	172.211	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	344.420%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	413928	145.317	ug/l	100
3) Chloromethane	1.294	50	397849	151.549	ug/l	100
4) Vinyl Chloride	1.379	62	450037	156.245	ug/l	99
5) Bromomethane	1.599	94	194939	133.261	ug/l	100
6) Chloroethane	1.666	64	216659	114.976	ug/l	98
7) Trichlorofluoromethane	1.873	101	701763	139.141	ug/l	97
8) Diethyl Ether	2.142	74	274004	151.982	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.318	101	426304	148.243	ug/l	96
10) Methyl Iodide	2.446	142	589860	167.121	ug/l	93
11) Tert butyl alcohol	3.001	59	617709	786.387	ug/l	98
12) 1,1-Dichloroethene	2.312	96	408673	151.933	ug/l	95
13) Acrolein	2.245	56	417165	764.352	ug/l	98
14) Allyl chloride	2.660	41	723172	154.701	ug/l	92
15) Acrylonitrile	3.080	53	1287883	778.624	ug/l	98
16) Acetone	2.398	43	1139851	761.377	ug/l	94
17) Carbon Disulfide	2.507	76	928088	170.090	ug/l	100
18) Methyl Acetate	2.715	43	579819	151.097	ug/l	95
19) Methyl tert-butyl Ether	3.129	73	1576739	157.346	ug/l	100
20) Methylene Chloride	2.788	84	477229	153.303	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	444852	156.498	ug/l	97
22) Diisopropyl ether	3.775	45	1511567	153.615	ug/l	95
23) Vinyl Acetate	3.733	43	6530620	761.883	ug/l	98
24) 1,1-Dichloroethane	3.617	63	851562	154.815	ug/l	98
25) 2-Butanone	4.574	43	1857993	773.215	ug/l	96
26) 2,2-Dichloropropane	4.483	77	731718	156.287	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	541965	156.662	ug/l	98
28) Bromochloromethane	4.909	49	402615	158.913	ug/l	98
29) Tetrahydrofuran	5.019	42	1195116	771.805	ug/l	93
30) Chloroform	5.111	83	921259	154.756	ug/l	99
31) Cyclohexane	5.476	56	709348	152.161	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	832192	158.830	ug/l	100
36) 1,1-Dichloropropene	5.702	75	647728	151.577	ug/l	99
37) Ethyl Acetate	4.733	43	722311	151.884	ug/l	96
38) Carbon Tetrachloride	5.684	117	722824	155.917	ug/l	98
39) Methylcyclohexane	7.385	83	756374	151.956	ug/l	98
40) Benzene	6.043	78	1889591	150.218	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
 Data File : VX023107.D
 Acq On : 02 Jul 2021 13:26
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

SAM
 7/6/2021 1:53:16 PM

Quant Time: Jul 02 14:15:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:06:48 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	400306	152.361	ug/l	94
42) 1,2-Dichloroethane	6.098	62	749233	144.930	ug/l	96
43) Isopropyl Acetate	6.354	43	1210952	153.223	ug/l	95
44) Trichloroethene	7.135	130	532165	149.658	ug/l	100
45) 1,2-Dichloropropane	7.439	63	498129	152.041	ug/l	98
46) Dibromomethane	7.586	93	360998	152.617	ug/l	98
47) Bromodichloromethane	7.830	83	711537	159.815	ug/l	100
48) Methyl methacrylate	7.702	41	599265	153.763	ug/l	90
49) 1,4-Dioxane	7.671	88	268973	3048.316	ug/l	98
51) 4-Methyl-2-Pentanone	8.586	43	3696033	738.194	ug/l	95
52) Toluene	8.726	92	1262861	153.634	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	828173	165.945	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	853273	160.712	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	541945	156.438	ug/l	98
56) Ethyl methacrylate	9.122	69	878260	162.882	ug/l #	89
57) 1,3-Dichloropropane	9.317	76	873148	153.970	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	2125457	750.703	ug/l	99
59) 2-Hexanone	9.439	43	2863658	739.146	ug/l	92
60) Dibromochloromethane	9.530	129	588892	169.551	ug/l	99
61) 1,2-Dibromoethane	9.616	107	572946	155.803	ug/l	99
64) Tetrachloroethene	9.281	164	531079	145.917	ug/l	95
65) Chlorobenzene	10.085	112	1399324	153.831	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.171	131	547173	158.820	ug/l	100
67) Ethyl Benzene	10.201	91	2481127	151.771	ug/l	97
68) m/p-Xylenes	10.305	106	1938440	308.464	ug/l	98
69) o-Xylene	10.646	106	981161	155.950	ug/l	98
70) Styrene	10.658	104	1674790	158.169	ug/l	98
71) Bromoform	10.805	173	444539	179.368	ug/l #	99
73) Isopropylbenzene	10.969	105	2540856	147.498	ug/l	99
74) N-amyl acetate	10.847	43	1131814	154.091	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.219	83	812782	154.004	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	716443m	144.119	ug/l	
77) Bromobenzene	11.201	156	648101	153.303	ug/l	95
78) n-propylbenzene	11.311	91	2953724	147.268	ug/l	98
79) 2-Chlorotoluene	11.372	91	1810784	148.869	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	2226345	148.615	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	277431	169.668	ug/l	98
82) 4-Chlorotoluene	11.457	91	2109119	149.551	ug/l	99
83) tert-Butylbenzene	11.719	119	2139589	150.267	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	2224079	148.416	ug/l	99
85) sec-Butylbenzene	11.896	105	2733217	148.105	ug/l	99
86) p-Isopropyltoluene	12.012	119	2348672	151.043	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	1221998	151.755	ug/l	99
88) 1,4-Dichlorobenzene	12.048	146	1226863	152.924	ug/l	99
89) n-Butylbenzene	12.335	91	2109605	153.752	ug/l	99
90) Hexachloroethane	12.542	117	397318	169.917	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	1199088	150.208	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	204183	165.660	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	811919	163.989	ug/l	98
94) Hexachlorobutadiene	13.731	225	324821	157.459	ug/l	98
95) Naphthalene	13.780	128	2695825	154.865	ug/l	99
96) 1,2,3-Trichlorobenzene	13.969	180	814855	160.373	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
Data File : VX023107.D
Acq On : 02 Jul 2021 13:26
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

SAM
7/6/2021 1:53:16 PM

Quant Time: Jul 02 14:15:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:06:48 2021
Response via : Initial Calibration

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

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

