

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
 Data File : VX023104.D
 Acq On : 02 Jul 2021 12:16
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

SAM
 7/6/2021 1:52:03 PM

Quant Time: Jul 02 14:13:38 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	275688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	434328	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	406904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	196069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	66396	18.487	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	36.980%#
35) Dibromofluoromethane	5.397	113	49266	18.427	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	36.860%#
50) Toluene-d8	8.653	98	179671	17.673	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	35.340%#
62) 4-Bromofluorobenzene	11.085	95	67423	16.969	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	33.940%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	50247	18.687	ug/l	98
3) Chloromethane	1.294	50	46599	18.804	ug/l	99
4) Vinyl Chloride	1.374	62	50352	18.519	ug/l	99
5) Bromomethane	1.605	94	32668	23.658	ug/l	100
6) Chloroethane	1.684	64	32948	18.523	ug/l	98
7) Trichlorofluoromethane	1.886	101	89885	18.880	ug/l	99
8) Diethyl Ether	2.142	74	32207	18.925	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	50700	18.677	ug/l	98
10) Methyl Iodide	2.453	142	55886	16.774	ug/l	94
11) Tert butyl alcohol	2.977	59	70770	95.443	ug/l	97
12) 1,1-Dichloroethene	2.318	96	46153	18.177	ug/l	91
13) Acrolein	2.245	56	46661	90.570	ug/l	96
14) Allyl chloride	2.672	41	79577	18.034	ug/l	90
15) Acrylonitrile	3.074	53	146153	93.606	ug/l	97
16) Acetone	2.386	43	134867	95.434	ug/l	90
17) Carbon Disulfide	2.514	76	90000	17.473	ug/l	98
18) Methyl Acetate	2.715	43	67085	18.520	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	173720	18.365	ug/l	99
20) Methylene Chloride	2.794	84	55728	18.965	ug/l	87
21) trans-1,2-Dichloroethene	3.099	96	48705	18.151	ug/l	99
22) Diisopropyl ether	3.776	45	171978	18.515	ug/l	97
23) Vinyl Acetate	3.733	43	730494	90.281	ug/l	96
24) 1,1-Dichloroethane	3.617	63	95677	18.427	ug/l	97
25) 2-Butanone	4.568	43	212815	93.822	ug/l	97
26) 2,2-Dichloropropane	4.483	77	79183	17.917	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	60367	18.486	ug/l	97
28) Bromochloromethane	4.910	49	45323	18.951	ug/l	95
29) Tetrahydrofuran	5.025	42	132897	90.919	ug/l	93
30) Chloroform	5.105	83	102641	18.265	ug/l	99
31) Cyclohexane	5.476	56	80138	18.211	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	89989	18.195	ug/l	98
36) 1,1-Dichloropropene	5.702	75	70386	18.047	ug/l	99
37) Ethyl Acetate	4.733	43	79461	18.307	ug/l	96
38) Carbon Tetrachloride	5.690	117	76460	18.071	ug/l	97
39) Methylcyclohexane	7.385	83	84700	18.644	ug/l	96
40) Benzene	6.050	78	212112	18.476	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
 Data File : VX023104.D
 Acq On : 02 Jul 2021 12:16
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

SAM
 7/6/2021 1:52:03 PM

Quant Time: Jul 02 14:13:38 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	45124	18.818	ug/l	93
42) 1,2-Dichloroethane	6.092	62	87576	18.561	ug/l	95
43) Isopropyl Acetate	6.348	43	131539	18.236	ug/l	94
44) Trichloroethene	7.135	130	58955	18.166	ug/l	97
45) 1,2-Dichloropropane	7.440	63	55001	18.394	ug/l	98
46) Dibromomethane	7.586	93	39525	18.308	ug/l	96
47) Bromodichloromethane	7.830	83	69819	17.182	ug/l	99
48) Methyl methacrylate	7.702	41	62995	17.710	ug/l	86
49) 1,4-Dioxane	7.665	88	30201	375.015	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	427604	93.573	ug/l	91
52) Toluene	8.726	92	138105	18.408	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	75507	16.577	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	82244	16.972	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	57180	18.085	ug/l	98
56) Ethyl methacrylate	9.122	69	87939	17.869	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	94938	18.343	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	227083	87.877	ug/l	99
59) 2-Hexanone	9.433	43	324324	91.720	ug/l	88
60) Dibromochloromethane	9.525	129	52014	16.408	ug/l	97
61) 1,2-Dibromoethane	9.616	107	59354	17.684	ug/l	100
64) Tetrachloroethene	9.281	164	61688	18.923	ug/l	96
65) Chlorobenzene	10.085	112	149025	18.291	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	54507	17.664	ug/l	99
67) Ethyl Benzene	10.195	91	265211	18.113	ug/l	100
68) m/p-Xylenes	10.305	106	202918	36.051	ug/l	98
69) o-Xylene	10.646	106	100840	17.895	ug/l	99
70) Styrene	10.658	104	164888	17.386	ug/l	95
71) Bromoform	10.805	173	35278	15.892	ug/l #	99
73) Isopropylbenzene	10.963	105	266151	18.754	ug/l	100
74) N-amyl acetate	10.847	43	112457	18.584	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	83897	19.296	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	78539m	19.177	ug/l	
77) Bromobenzene	11.201	156	65387	18.774	ug/l	97
78) n-propylbenzene	11.305	91	307658	18.619	ug/l	99
79) 2-Chlorotoluene	11.366	91	187590	18.720	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	229071	18.561	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	21372	15.865	ug/l #	81
82) 4-Chlorotoluene	11.457	91	213704	18.393	ug/l	100
83) tert-Butylbenzene	11.719	119	218544	18.631	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	226511	18.347	ug/l	98
85) sec-Butylbenzene	11.896	105	278062	18.289	ug/l	100
86) p-Isopropyltoluene	12.012	119	234332	18.292	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	122884	18.524	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	121611	18.400	ug/l	97
89) n-Butylbenzene	12.335	91	198364	17.548	ug/l	97
90) Hexachloroethane	12.542	117	32092	16.659	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	122826	18.676	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17459	17.194	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	73883	18.113	ug/l	99
94) Hexachlorobutadiene	13.731	225	30426	17.903	ug/l	99
95) Naphthalene	13.780	128	255532	17.818	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	75196	17.964	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
Data File : VX023104.D
Acq On : 02 Jul 2021 12:16
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

SAM
7/6/2021 1:52:03 PM

Quant Time: Jul 02 14:13:38 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

