

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019842.D
 Acq On : 10 Dec 2020 22:51
 Operator : JC/MD
 Sample : VX1210WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD02

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 5:36:33 PM

Quant Time: Dec 11 02:56:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	260217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	436991	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	398043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192983	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	166981	48.82	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.64%
35) Dibromofluoromethane	5.46	113	135971	48.14	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.28%
50) Toluene-d8	8.70	98	517160	47.96	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.92%
62) 4-Bromofluorobenzene	11.12	95	189952	46.29	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.58%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	45158	18.955	ug/l 98
3) Chloromethane	1.31	50	52126	18.604	ug/l 98
4) Vinyl Chloride	1.39	62	59590	20.171	ug/l 100
5) Bromomethane	1.62	94	34181	34.845	ug/l 99
6) Chloroethane	1.71	64	38578	21.738	ug/l 100
7) Trichlorofluoromethane	1.92	101	83643	20.330	ug/l 96
8) Diethyl Ether	2.17	74	35011	20.081	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	48772	20.681	ug/l 99
10) Methyl Iodide	2.49	142	58409	16.803	ug/l 100
11) Tert butyl alcohol	3.01	59	75525	105.911	ug/l 99
12) 1,1-Dichloroethene	2.36	96	49053	20.575	ug/l 100
13) Acrolein	2.27	56	31335	83.006	ug/l 99
14) Allyl chloride	2.70	41	78254	19.434	ug/l 99
15) Acrylonitrile	3.11	53	162450	105.071	ug/l 100
16) Acetone	2.42	43	130192	101.278	ug/l 99
17) Carbon Disulfide	2.55	76	120165	17.566	ug/l 99
18) Methyl Acetate	2.75	43	69793	22.187	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	179585	20.683	ug/l 98
20) Methylene Chloride	2.83	84	61153	19.984	ug/l 96
21) trans-1,2-Dichloroethene	3.14	96	55999	20.147	ug/l 99
22) Diisopropyl ether	3.82	45	174340	21.414	ug/l 93
23) Vinyl Acetate	3.78	43	724324	104.430	ug/l 99
24) 1,1-Dichloroethane	3.67	63	102442	20.866	ug/l 99
25) 2-Butanone	4.63	43	205860	104.217	ug/l 99
26) 2,2-Dichloropropane	4.54	77	73674	17.426	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	65220	20.050	ug/l 100
28) Bromochloromethane	4.98	49	44629	19.069	ug/l 99
29) Tetrahydrofuran	5.09	42	132907	104.432	ug/l 99
30) Chloroform	5.17	83	105224	20.845	ug/l 99
31) Cyclohexane	5.55	56	84565	19.878	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	88554	20.370	ug/l 99
36) 1,1-Dichloropropene	5.76	75	75752	19.184	ug/l 99
37) Ethyl Acetate	4.79	43	78738	19.749	ug/l 100
38) Carbon Tetrachloride	5.75	117	75238	19.457	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	85416	18.411	ug/l	98
40) Benzene	6.11	78	237573	19.695	ug/l	98
41) Methacrylonitrile	5.00	41	43031	19.658	ug/l	97
42) 1,2-Dichloroethane	6.16	62	82634	20.050	ug/l	100
43) Isopropyl Acetate	6.41	43	126218	19.472	ug/l	99
44) Trichloroethene	7.18	130	59665	18.852	ug/l	100
45) 1,2-Dichloropropane	7.49	63	61233	20.311	ug/l	99
46) Dibromomethane	7.63	93	40652	19.968	ug/l	99
47) Bromodichloromethane	7.87	83	78473	19.425	ug/l	99
48) Methyl methacrylate	7.74	41	62645	19.651	ug/l	97
49) 1,4-Dioxane	7.71	88	29819	386.125	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	405009	102.340	ug/l	100
52) Toluene	8.76	92	148154	19.638	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	83194	18.558	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	91079	18.701	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	61606	20.263	ug/l	99
56) Ethyl methacrylate	9.16	69	88468	19.233	ug/l	99
57) 1,3-Dichloropropane	9.35	76	103643	19.965	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	241199	98.982	ug/l	100
59) 2-Hexanone	9.47	43	305078	99.453	ug/l	99
60) Dibromochloromethane	9.56	129	59577	19.288	ug/l	98
61) 1,2-Dibromoethane	9.65	107	63590	19.697	ug/l	99
64) Tetrachloroethene	9.32	164	53853	20.175	ug/l	97
65) Chlorobenzene	10.12	112	154757	19.515	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	57266	20.063	ug/l	99
67) Ethyl Benzene	10.23	91	276418	19.637	ug/l	99
68) m/p-Xylenes	10.34	106	207969	39.209	ug/l	100
69) o-Xylene	10.68	106	100079	19.614	ug/l	99
70) Styrene	10.70	104	170075	19.748	ug/l	99
71) Bromoform	10.84	173	43094	19.192	ug/l #	100
73) Isopropylbenzene	11.00	105	269331	20.428	ug/l	99
74) N-amyl acetate	10.88	43	102190	19.341	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	95954	20.643	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	87986m	20.328	ug/l	
77) Bromobenzene	11.24	156	67641	20.047	ug/l	99
78) n-propylbenzene	11.34	91	304859	20.245	ug/l	99
79) 2-Chlorotoluene	11.40	91	186283	20.088	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	227134	20.412	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	26773	17.881	ug/l	94
82) 4-Chlorotoluene	11.49	91	216083	19.896	ug/l	99
83) tert-Butylbenzene	11.76	119	217159	19.899	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	226045	20.167	ug/l	100
85) sec-Butylbenzene	11.93	105	254351	20.414	ug/l	99
86) p-Isopropyltoluene	12.05	119	229412	20.090	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	120814	19.509	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	120277	19.069	ug/l	98
89) n-Butylbenzene	12.37	91	191719	18.950	ug/l	99
90) Hexachloroethane	12.58	117	37717	19.132	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	120741	20.001	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20413	20.428	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	75723	19.270	ug/l	99
94) Hexachlorobutadiene	13.76	225	33664	19.167	ug/l	99
95) Naphthalene	13.82	128	255281	20.038	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	78954	20.559	ug/l	98

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

