

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019841.D
 Acq On : 10 Dec 2020 22:28
 Operator : JC/MD
 Sample : VX1210WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 5:36:32 PM

Quant Time: Dec 11 02:55:14 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	265251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	442779	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	405921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196358	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	168222	48.25	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.50%
35) Dibromofluoromethane	5.46	113	135384	47.31	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.62%
50) Toluene-d8	8.70	98	522183	47.80	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.60%
62) 4-Bromofluorobenzene	11.12	95	193135	46.45	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.90%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	46881	19.305	ug/l	99
3) Chloromethane	1.31	50	51028	17.867	ug/l	100
4) Vinyl Chloride	1.39	62	59141	19.639	ug/l	99
5) Bromomethane	1.62	94	31770	31.772	ug/l	96
6) Chloroethane	1.71	64	38060	21.039	ug/l	98
7) Trichlorofluoromethane	1.92	101	83173	19.832	ug/l	100
8) Diethyl Ether	2.17	74	34327	19.315	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	49861	20.742	ug/l	99
10) Methyl Iodide	2.49	142	54762	15.455	ug/l	100
11) Tert butyl alcohol	3.01	59	77451	106.566	ug/l	97
12) 1,1-Dichloroethene	2.36	96	50016	20.580	ug/l	98
13) Acrolein	2.27	56	31386	81.563	ug/l	100
14) Allyl chloride	2.70	41	77839	18.964	ug/l	98
15) Acrylonitrile	3.11	53	163242	103.580	ug/l	100
16) Acetone	2.42	43	128876	98.351	ug/l	100
17) Carbon Disulfide	2.55	76	118687	17.020	ug/l	100
18) Methyl Acetate	2.75	43	69112	21.553	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	178540	20.173	ug/l	100
20) Methylene Chloride	2.83	84	61079	19.551	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	55667	19.647	ug/l	99
22) Diisopropyl ether	3.82	45	171951	20.720	ug/l	97
23) Vinyl Acetate	3.78	43	712956	100.840	ug/l	100
24) 1,1-Dichloroethane	3.67	63	101225	20.227	ug/l	99
25) 2-Butanone	4.63	43	206422	102.518	ug/l	98
26) 2,2-Dichloropropane	4.55	77	73098	16.962	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	65528	19.763	ug/l	98
28) Bromochloromethane	4.98	49	47504	19.913	ug/l	99
29) Tetrahydrofuran	5.09	42	132786	102.357	ug/l	99
30) Chloroform	5.17	83	105436	20.490	ug/l	97
31) Cyclohexane	5.54	56	84986	19.598	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	88189	19.901	ug/l	99
36) 1,1-Dichloropropene	5.77	75	74857	18.709	ug/l	99
37) Ethyl Acetate	4.79	43	78956	19.545	ug/l	100
38) Carbon Tetrachloride	5.75	117	74527	19.021	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	86113	18.319	ug/l	100
40) Benzene	6.11	78	235842	19.296	ug/l	99
41) Methacrylonitrile	5.00	41	43917	19.800	ug/l	99
42) 1,2-Dichloroethane	6.16	62	82930	19.859	ug/l	99
43) Isopropyl Acetate	6.41	43	124297	18.925	ug/l	99
44) Trichloroethene	7.18	130	60390	18.832	ug/l	100
45) 1,2-Dichloropropane	7.49	63	60043	19.656	ug/l	99
46) Dibromomethane	7.63	93	40825	19.791	ug/l	98
47) Bromodichloromethane	7.87	83	78297	19.128	ug/l	100
48) Methyl methacrylate	7.74	41	61653	19.087	ug/l	99
49) 1,4-Dioxane	7.71	88	29817	381.052	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	402192	100.300	ug/l	100
52) Toluene	8.76	92	147483	19.293	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	80696	17.765	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	90119	18.262	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	60981	19.796	ug/l	98
56) Ethyl methacrylate	9.16	69	88521	18.993	ug/l	100
57) 1,3-Dichloropropane	9.35	76	102355	19.459	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	240419	97.372	ug/l	100
59) 2-Hexanone	9.47	43	303713	97.714	ug/l	99
60) Dibromochloromethane	9.56	129	58796	18.786	ug/l	100
61) 1,2-Dibromoethane	9.65	107	62765	19.188	ug/l	100
64) Tetrachloroethene	9.32	164	53566	19.678	ug/l	93
65) Chlorobenzene	10.12	112	153356	18.963	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	56477	19.403	ug/l	98
67) Ethyl Benzene	10.23	91	274664	19.134	ug/l	100
68) m/p-Xylenes	10.34	106	205390	37.971	ug/l	99
69) o-Xylene	10.68	106	98889	19.005	ug/l	99
70) Styrene	10.70	104	166341	18.940	ug/l	100
71) Bromoform	10.84	173	41678	18.201	ug/l #	99
73) Isopropylbenzene	11.00	105	269603	20.097	ug/l	99
74) N-amyl acetate	10.88	43	99492	18.507	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	95012	20.089	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	89748m	20.379	ug/l	
77) Bromobenzene	11.24	156	67633	19.700	ug/l	98
78) n-propylbenzene	11.34	91	299837	19.569	ug/l	99
79) 2-Chlorotoluene	11.40	91	187765	19.900	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	219946	19.427	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	26139	17.158	ug/l	94
82) 4-Chlorotoluene	11.49	91	213733	19.341	ug/l	99
83) tert-Butylbenzene	11.76	119	217620	19.598	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	226440	19.855	ug/l	100
85) sec-Butylbenzene	11.93	105	249843	19.707	ug/l	100
86) p-Isopropyltoluene	12.05	119	224256	19.301	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	120519	19.127	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	120039	18.704	ug/l	99
89) n-Butylbenzene	12.37	91	187269	18.192	ug/l	99
90) Hexachloroethane	12.58	117	36723	18.307	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	118900	19.357	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19725	19.400	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	73848	18.469	ug/l	99
94) Hexachlorobutadiene	13.76	225	32082	17.952	ug/l	96
95) Naphthalene	13.82	128	250537	19.327	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	73708	18.863	ug/l	99

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

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