

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110420\
 Data File : VX019237.D
 Acq On : 03 Nov 2020 16:56
 Operator : JC/MD
 Sample : VX1104WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/4/2020 11:58:48 AM

Quant Time: Nov 04 02:39:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	273129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	454080	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	419026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	198555	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	174461	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
35) Dibromofluoromethane	5.46	113	135227	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
50) Toluene-d8	8.70	98	526215	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
62) 4-Bromofluorobenzene	11.12	95	200548	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	42351	18.600	ug/l	97
3) Chloromethane	1.31	50	50714	19.936	ug/l	100
4) Vinyl Chloride	1.39	62	55561	18.833	ug/l	99
5) Bromomethane	1.64	94	44989	22.330	ug/l	98
6) Chloroethane	1.72	64	38089	20.221	ug/l	99
7) Trichlorofluoromethane	1.92	101	88346	19.062	ug/l	98
8) Diethyl Ether	2.17	74	34914	19.628	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	49060	19.097	ug/l	98
10) Methyl Iodide	2.49	142	49182	20.529	ug/l	100
11) Tert butyl alcohol	3.03	59	58509	84.100	ug/l	100
12) 1,1-Dichloroethene	2.36	96	48227	18.218	ug/l	96
13) Acrolein	2.28	56	25987	87.305	ug/l	98
14) Allyl chloride	2.71	41	76067	18.971	ug/l	99
15) Acrylonitrile	3.12	53	140669	96.221	ug/l	99
16) Acetone	2.43	43	119901	98.672	ug/l	100
17) Carbon Disulfide	2.55	76	132234	18.018	ug/l	100
18) Methyl Acetate	2.75	43	57731	19.537	ug/l	98
19) Methyl tert-butyl Ether	3.16	73	174535	19.029	ug/l	100
20) Methylene Chloride	2.84	84	56882	18.646	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	55108	18.088	ug/l	98
22) Diisopropyl ether	3.82	45	161783	20.239	ug/l	89
23) Vinyl Acetate	3.78	43	700536	98.275	ug/l	98
24) 1,1-Dichloroethane	3.67	63	97177	19.471	ug/l	99
25) 2-Butanone	4.64	43	189637	99.023	ug/l	99
26) 2,2-Dichloropropane	4.54	77	89134	18.997	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	62028	18.219	ug/l	95
28) Bromochloromethane	4.97	49	44305	19.527	ug/l	91
29) Tetrahydrofuran	5.09	42	120655	99.974	ug/l	97
30) Chloroform	5.17	83	102166	19.232	ug/l	100
31) Cyclohexane	5.54	56	84982	19.086	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	91771	19.054	ug/l	99
36) 1,1-Dichloropropene	5.76	75	77428	18.466	ug/l	98
37) Ethyl Acetate	4.79	43	73341	18.838	ug/l	99
38) Carbon Tetrachloride	5.75	117	77855	18.216	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	93417	18.632	ug/l	96
40) Benzene	6.11	78	226075	19.016	ug/l	98
41) Methacrylonitrile	4.99	41	40214	19.181	ug/l	96
42) 1,2-Dichloroethane	6.16	62	83293	19.010	ug/l	100
43) Isopropyl Acetate	6.41	43	121840	18.690	ug/l	99
44) Trichloroethene	7.18	130	61339	18.015	ug/l	98
45) 1,2-Dichloropropane	7.49	63	56478	19.395	ug/l	100
46) Dibromomethane	7.63	93	39951	18.553	ug/l	98
47) Bromodichloromethane	7.87	83	80081	18.868	ug/l	99
48) Methyl methacrylate	7.74	41	59753	19.044	ug/l	96
49) 1,4-Dioxane	7.74	88	24503	351.165	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	369409	98.596	ug/l	100
52) Toluene	8.76	92	146912	19.186	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	87788	18.109	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	93757	18.392	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	57731	19.082	ug/l	97
56) Ethyl methacrylate	9.16	69	85562	18.724	ug/l	98
57) 1,3-Dichloropropane	9.35	76	98467	19.304	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	234272	91.667	ug/l	97
59) 2-Hexanone	9.47	43	287639	100.854	ug/l	98
60) Dibromochloromethane	9.56	129	60348	18.380	ug/l	98
61) 1,2-Dibromoethane	9.65	107	61046	18.869	ug/l	99
64) Tetrachloroethene	9.32	164	58169	18.220	ug/l	95
65) Chlorobenzene	10.12	112	153594	17.934	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	56797	18.421	ug/l	100
67) Ethyl Benzene	10.23	91	277091	18.157	ug/l	99
68) m/p-Xylenes	10.34	106	209374	36.554	ug/l	98
69) o-Xylene	10.68	106	99218	18.263	ug/l	99
70) Styrene	10.70	104	167348	18.053	ug/l	100
71) Bromoform	10.84	173	39870	16.310	ug/l #	99
73) Isopropylbenzene	11.00	105	269592	19.182	ug/l	100
74) N-amyl acetate	10.88	43	100119	19.483	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	80695	18.371	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	80185m	19.559	ug/l	
77) Bromobenzene	11.24	156	64584	18.515	ug/l	92
78) n-propylbenzene	11.34	91	312471	19.476	ug/l	99
79) 2-Chlorotoluene	11.40	91	185056	19.592	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	228592	19.252	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	27236	17.492	ug/l	96
82) 4-Chlorotoluene	11.49	91	216840	18.799	ug/l	99
83) tert-Butylbenzene	11.76	119	216416	19.036	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	226132	18.865	ug/l	100
85) sec-Butylbenzene	11.93	105	263990	19.361	ug/l	99
86) p-Isopropyltoluene	12.05	119	241519	19.190	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	117318	18.060	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	115975	17.151	ug/l	98
89) n-Butylbenzene	12.37	91	215138	18.186	ug/l	100
90) Hexachloroethane	12.58	117	38628	18.057	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	109847	17.610	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17709	16.469	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	72611	15.498	ug/l	98
94) Hexachlorobutadiene	13.76	225	35330	17.130	ug/l	96
95) Naphthalene	13.82	128	237293	16.081	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	72686	15.992	ug/l	99

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

