

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112520\
 Data File : VX019650.D
 Acq On : 25 Nov 2020 12:48
 Operator : JC/MD
 Sample : VX1125WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/30/2020 9:53:52 AM

Quant Time: Nov 26 05:43:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	264300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	444334	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	422987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	200680	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	173083	50.51	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.02%
35) Dibromofluoromethane	5.46	113	135878	48.72	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.44%
50) Toluene-d8	8.70	98	530062	48.91	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.82%
62) 4-Bromofluorobenzene	11.12	95	209272	53.67	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.34%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	45749	17.800	ug/l 98
3) Chloromethane	1.31	50	51850	17.580	ug/l 100
4) Vinyl Chloride	1.39	62	54635	17.208	ug/l 99
5) Bromomethane	1.62	94	24067	20.013	ug/l 98
6) Chloroethane	1.70	64	34858	44.612	ug/l 98
7) Trichlorofluoromethane	1.91	101	78921	17.223	ug/l 99
8) Diethyl Ether	2.17	74	34253	18.664	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	45199	17.680	ug/l 98
10) Methyl Iodide	2.49	142	56891	16.939	ug/l 100
11) Tert butyl alcohol	3.01	59	76691	118.252	ug/l 97
12) 1,1-Dichloroethene	2.35	96	45020	17.157	ug/l 95
13) Acrolein	2.27	56	29486	67.637	ug/l 100
14) Allyl chloride	2.70	41	73981	17.998	ug/l 99
15) Acrylonitrile	3.11	53	153977	100.673	ug/l 100
16) Acetone	2.42	43	130228	98.268	ug/l 99
17) Carbon Disulfide	2.54	76	112370	15.941	ug/l 100
18) Methyl Acetate	2.75	43	64072	20.103	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	177866	19.638	ug/l 97
20) Methylene Chloride	2.83	84	61053	18.432	ug/l 97
21) trans-1,2-Dichloroethene	3.14	96	52659	17.713	ug/l 93
22) Diisopropyl ether	3.82	45	163334	19.208	ug/l 97
23) Vinyl Acetate	3.78	43	705291	98.881	ug/l 99
24) 1,1-Dichloroethane	3.67	63	96353	18.525	ug/l 100
25) 2-Butanone	4.63	43	199898	100.413	ug/l 99
26) 2,2-Dichloropropane	4.54	77	79801	17.578	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	64125	18.778	ug/l 99
28) Bromochloromethane	4.98	49	47203	18.982	ug/l 100
29) Tetrahydrofuran	5.09	42	126014	99.208	ug/l 99
30) Chloroform	5.17	83	101749	18.708	ug/l 98
31) Cyclohexane	5.54	56	78823	17.685	ug/l 97
32) 1,1,1-Trichloroethane	5.46	97	84958	18.185	ug/l 100
36) 1,1-Dichloropropene	5.77	75	74187	17.809	ug/l 99
37) Ethyl Acetate	4.79	43	76938	19.674	ug/l 100
38) Carbon Tetrachloride	5.75	117	70325	17.442	ug/l 98

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Quant Time: Nov 26 05:43:40 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	83428	17.201	ug/l	98
40) Benzene	6.10	78	227924	17.808	ug/l	98
41) Methacrylonitrile	5.00	41	42079	19.512	ug/l	99
42) 1,2-Dichloroethane	6.16	62	82324	18.766	ug/l	100
43) Isopropyl Acetate	6.41	43	124323	18.912	ug/l	99
44) Trichloroethene	7.18	130	59314	17.692	ug/l	97
45) 1,2-Dichloropropane	7.49	63	57814	18.349	ug/l	100
46) Dibromomethane	7.63	93	40375	18.722	ug/l	99
47) Bromodichloromethane	7.87	83	76704	18.330	ug/l	97
48) Methyl methacrylate	7.74	41	60960	19.800	ug/l	99
49) 1,4-Dioxane	7.71	88	30076	430.253	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	392393	102.361	ug/l	100
52) Toluene	8.76	92	146361	18.693	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	85565	18.933	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	93913	18.725	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	61317	19.229	ug/l	98
56) Ethyl methacrylate	9.16	69	90798	20.123	ug/l	100
57) 1,3-Dichloropropane	9.35	76	103442	19.376	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	244522	92.485	ug/l	100
59) 2-Hexanone	9.47	43	298688	102.736	ug/l	100
60) Dibromochloromethane	9.56	129	59443	19.032	ug/l	99
61) 1,2-Dibromoethane	9.65	107	63961	19.459	ug/l	99
64) Tetrachloroethene	9.32	164	52001	15.640	ug/l	92
65) Chlorobenzene	10.12	112	158694	18.248	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	56303	17.799	ug/l	99
67) Ethyl Benzene	10.23	91	279139	18.322	ug/l	99
68) m/p-Xylenes	10.34	106	208213	36.682	ug/l	100
69) o-Xylene	10.68	106	100952	18.605	ug/l	99
70) Styrene	10.70	104	172824	18.286	ug/l	100
71) Bromoform	10.84	173	42213	18.221	ug/l #	97
73) Isopropylbenzene	11.00	105	268952	19.373	ug/l	100
74) N-amyl acetate	10.88	43	105158	20.215	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	95162	19.168	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	89136m	20.353	ug/l	
77) Bromobenzene	11.24	156	66906	18.879	ug/l	96
78) n-propylbenzene	11.34	91	304917	19.146	ug/l	100
79) 2-Chlorotoluene	11.40	91	187884	19.453	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	222382	19.095	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	28103	20.097	ug/l	95
82) 4-Chlorotoluene	11.49	91	219441	19.300	ug/l	100
83) tert-Butylbenzene	11.76	119	216675	19.231	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	225368	19.126	ug/l	99
85) sec-Butylbenzene	11.93	105	249927	18.646	ug/l	100
86) p-Isopropyltoluene	12.05	119	226156	18.584	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	122134	18.765	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	122691	18.301	ug/l	99
89) n-Butylbenzene	12.37	91	197068	17.912	ug/l	100
90) Hexachloroethane	12.58	117	37066	18.202	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	118545	18.135	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18297	18.065	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	72961	17.385	ug/l	98
94) Hexachlorobutadiene	13.76	225	30592	16.001	ug/l	98
95) Naphthalene	13.82	128	247971	18.201	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	73294	17.460	ug/l	98

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

