

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102519\
 Data File : VX013203.D
 Acq On : 24 Oct 2019 11:41
 Operator : JC/SP
 Sample : VX1025WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/28/2019 12:53:35 PM

Quant Time: Oct 25 01:55:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	108163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	156892	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	160636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	109782	50.00	ug/l	0.00

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System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	106370	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
35) Dibromofluoromethane	5.48	113	85460	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
50) Toluene-d8	8.71	98	312513	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
62) 4-Bromofluorobenzene	11.13	95	125083	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	37469	17.168	ug/l 99
3) Chloromethane	1.32	50	29879	17.276	ug/l 100
4) Vinyl Chloride	1.40	62	31492	16.033	ug/l 97
5) Bromomethane	1.63	94	21102	20.270	ug/l 97
6) Chloroethane	1.72	64	21060	17.498	ug/l 93
7) Trichlorofluoromethane	1.92	101	55639	18.143	ug/l 97
8) Diethyl Ether	2.17	74	18168	17.091	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	33423	17.413	ug/l 98
10) Methyl Iodide	2.50	142	35422	17.151	ug/l 100
11) Tert butyl alcohol	3.02	59	41835	84.538	ug/l 100
12) 1,1-Dichloroethene	2.36	96	31216	16.942	ug/l 95
13) Acrolein	2.28	56	19986	75.298	ug/l 95
14) Allyl chloride	2.72	41	47103	16.238	ug/l 98
15) Acrylonitrile	3.13	53	80875	81.105	ug/l 98
16) Acetone	2.43	43	92080	86.395	ug/l 97
17) Carbon Disulfide	2.56	76	79764	16.102	ug/l 99
18) Methyl Acetate	2.76	43	38447	17.169	ug/l 98
19) Methyl tert-butyl Ether	3.18	73	109748	16.914	ug/l 98
20) Methylene Chloride	2.84	84	34890	17.693	ug/l 97
21) trans-1,2-Dichloroethene	3.15	96	33715	17.895	ug/l 90
22) Diisopropyl ether	3.84	45	95345	16.810	ug/l 90
23) Vinyl Acetate	3.80	43	407898	84.612	ug/l 98
24) 1,1-Dichloroethane	3.69	63	58092	16.651	ug/l 98
25) 2-Butanone	4.65	43	115150	80.561	ug/l 100
26) 2,2-Dichloropropane	4.57	77	54192	16.808	ug/l 99
27) cis-1,2-Dichloroethene	4.58	96	38288	16.967	ug/l 99
28) Bromochloromethane	5.00	49	16605	18.459	ug/l 99
29) Tetrahydrofuran	5.11	42	67097	77.878	ug/l 99
30) Chloroform	5.19	83	63185	17.011	ug/l 99
31) Cyclohexane	5.56	56	52696	18.011	ug/l 94
32) 1,1,1-Trichloroethane	5.48	97	56746	17.182	ug/l 99
36) 1,1-Dichloropropene	5.79	75	46740	17.748	ug/l 99
37) Ethyl Acetate	4.82	43	41141	15.736	ug/l 98
38) Carbon Tetrachloride	5.77	117	49309	17.003	ug/l 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	57124	17.008	ug/l	99
40) Benzene	6.13	78	133702	16.966	ug/l	98
41) Methacrylonitrile	5.03	41	23557	16.806	ug/l	99
42) 1,2-Dichloroethane	6.18	62	53259	17.925	ug/l	99
43) Isopropyl Acetate	6.43	43	71454	16.461	ug/l	100
44) Trichloroethene	7.20	130	37932	16.960	ug/l	96
45) 1,2-Dichloropropane	7.50	63	32973	16.706	ug/l	94
46) Dibromomethane	7.65	93	23461	16.498	ug/l	96
47) Bromodichloromethane	7.89	83	47404	17.106	ug/l	95
48) Methyl methacrylate	7.76	41	34228	15.953	ug/l	99
49) 1,4-Dioxane	7.73	88	17742	324.914	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	215634	81.498	ug/l	99
52) Toluene	8.78	92	87844	16.820	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	52055	17.676	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	56920	17.668	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	36056	17.462	ug/l	98
56) Ethyl methacrylate	9.17	69	53445	17.198	ug/l	99
57) 1,3-Dichloropropane	9.37	76	57177	16.412	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	111080	91.605	ug/l	100
59) 2-Hexanone	9.48	43	169260	83.047	ug/l	100
60) Dibromochloromethane	9.57	129	37304	17.242	ug/l	98
61) 1,2-Dibromoethane	9.67	107	37540	17.126	ug/l	100
64) Tetrachloroethene	9.33	164	38166	18.024	ug/l	96
65) Chlorobenzene	10.14	112	94366	16.782	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	35619	17.147	ug/l	98
67) Ethyl Benzene	10.24	91	171093	16.996	ug/l	99
68) m/p-Xylenes	10.35	106	128800	33.856	ug/l	98
69) o-Xylene	10.70	106	61723	16.913	ug/l	98
70) Styrene	10.71	104	106172	16.895	ug/l	99
71) Bromoform	10.85	173	26383	17.382	ug/l #	100
73) Isopropylbenzene	11.01	105	172092	17.262	ug/l	99
74) N-amyl acetate	10.89	43	59344	16.219	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	51448	16.996	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	42813m	16.181	ug/l	
77) Bromobenzene	11.25	156	39788	16.652	ug/l	98
78) n-propylbenzene	11.35	91	189834	17.530	ug/l	100
79) 2-Chlorotoluene	11.42	91	114891	16.792	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	144419	17.429	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	14937	15.513	ug/l	94
82) 4-Chlorotoluene	11.51	91	132848	17.136	ug/l	97
83) tert-Butylbenzene	11.76	119	134237	16.374	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	143994	17.228	ug/l	99
85) sec-Butylbenzene	11.94	105	162779	17.448	ug/l	100
86) p-Isopropyltoluene	12.06	119	153093	17.467	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	74147	17.177	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	73931	16.822	ug/l	98
89) n-Butylbenzene	12.38	91	128308	17.895	ug/l	99
90) Hexachloroethane	12.59	117	24897	16.962	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	72542	17.090	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	11932	15.851	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	45740	17.113	ug/l	97
94) Hexachlorobutadiene	13.77	225	24206	17.507	ug/l	99
95) Naphthalene	13.83	128	143861	17.537	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	45848	17.359	ug/l	99

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

