

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102419\
 Data File : VX013195.D
 Acq On : 23 Oct 2019 18:32
 Operator : JC/SP
 Sample : VX1024WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/25/2019 4:33:18 PM

Quant Time: Oct 24 04:20:05 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	85713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	125190	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	127184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	85130	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	84892	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
35) Dibromofluoromethane	5.49	113	66991	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
50) Toluene-d8	8.71	98	244138	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
62) 4-Bromofluorobenzene	11.13	95	95706	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	33545	19.396	ug/l	99
3) Chloromethane	1.32	50	28981	20.927	ug/l	99
4) Vinyl Chloride	1.40	62	30458	19.569	ug/l	96
5) Bromomethane	1.63	94	19942	24.173	ug/l	92
6) Chloroethane	1.72	64	19785	21.244	ug/l	98
7) Trichlorofluoromethane	1.92	101	49976	20.525	ug/l	100
8) Diethyl Ether	2.18	74	17105	20.306	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	30087	19.780	ug/l	98
10) Methyl Iodide	2.50	142	34194	20.120	ug/l	98
11) Tert butyl alcohol	3.03	59	40149	102.606	ug/l	99
12) 1,1-Dichloroethene	2.36	96	28878	19.778	ug/l	93
13) Acrolein	2.28	56	18734	89.068	ug/l	99
14) Allyl chloride	2.72	41	46100	20.055	ug/l	99
15) Acrylonitrile	3.13	53	80764	102.208	ug/l	98
16) Acetone	2.43	43	91406	108.225	ug/l	99
17) Carbon Disulfide	2.56	76	74850	19.068	ug/l	98
18) Methyl Acetate	2.76	43	39526	21.986	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	104593	20.342	ug/l	99
20) Methylene Chloride	2.84	84	32834	20.957	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	32095	21.401	ug/l	94
22) Diisopropyl ether	3.84	45	92410	20.560	ug/l	95
23) Vinyl Acetate	3.80	43	400437	104.820	ug/l	99
24) 1,1-Dichloroethane	3.69	63	55751	20.166	ug/l	98
25) 2-Butanone	4.66	43	119291	105.317	ug/l	99
26) 2,2-Dichloropropane	4.57	77	50738	19.858	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	36203	20.246	ug/l	98
28) Bromochloromethane	5.00	49	14635	20.530	ug/l	98
29) Tetrahydrofuran	5.12	42	71065	104.088	ug/l	97
30) Chloroform	5.20	83	59924	20.358	ug/l	100
31) Cyclohexane	5.57	56	47761	20.600	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	53120	20.297	ug/l	98
36) 1,1-Dichloropropene	5.79	75	43381	20.656	ug/l	99
37) Ethyl Acetate	4.82	43	43502	20.852	ug/l	98
38) Carbon Tetrachloride	5.78	117	45469	19.650	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	52517	19.595	ug/l	100
40) Benzene	6.14	78	126325	20.089	ug/l	100
41) Methacrylonitrile	5.03	41	23455	20.970	ug/l	98
42) 1,2-Dichloroethane	6.18	62	48681	20.533	ug/l	99
43) Isopropyl Acetate	6.43	43	71292	20.582	ug/l	99
44) Trichloroethene	7.21	130	35647	19.974	ug/l	99
45) 1,2-Dichloropropane	7.51	63	31618	20.076	ug/l	99
46) Dibromomethane	7.65	93	22665	19.974	ug/l	98
47) Bromodichloromethane	7.89	83	44544	20.144	ug/l	98
48) Methyl methacrylate	7.76	41	35015	20.453	ug/l	99
49) 1,4-Dioxane	7.73	88	17455	400.606	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	218579	103.530	ug/l	99
52) Toluene	8.78	92	82265	19.741	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	49024	20.862	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	53277	20.725	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	33041	20.054	ug/l	91
56) Ethyl methacrylate	9.17	69	52108	21.014	ug/l	99
57) 1,3-Dichloropropane	9.37	76	56550	20.342	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	104607	108.112	ug/l	99
59) 2-Hexanone	9.49	43	170468	104.820	ug/l	98
60) Dibromochloromethane	9.57	129	34380	19.914	ug/l	97
61) 1,2-Dibromoethane	9.67	107	35505	20.299	ug/l	98
64) Tetrachloroethene	9.33	164	34888	21.119	ug/l	97
65) Chlorobenzene	10.14	112	87291	19.606	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	32606	19.825	ug/l	98
67) Ethyl Benzene	10.25	91	157333	19.740	ug/l	99
68) m/p-Xylenes	10.35	106	119140	39.553	ug/l	100
69) o-Xylene	10.70	106	58334	20.188	ug/l	98
70) Styrene	10.71	104	99163	19.930	ug/l	99
71) Bromoform	10.85	173	23570	19.613	ug/l #	97
73) Isopropylbenzene	11.01	105	158586	20.514	ug/l	100
74) N-amyl acetate	10.89	43	57940	20.421	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	47426	20.204	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	40777m	19.874	ug/l	
77) Bromobenzene	11.25	156	37511	20.245	ug/l	97
78) n-propylbenzene	11.35	91	172471	20.539	ug/l	100
79) 2-Chlorotoluene	11.42	91	107333	20.230	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	129158	20.101	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	14825	19.855	ug/l	95
82) 4-Chlorotoluene	11.51	91	125484	20.874	ug/l	99
83) tert-Butylbenzene	11.76	119	126372	19.878	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	135383	20.888	ug/l	100
85) sec-Butylbenzene	11.94	105	144792	20.014	ug/l	99
86) p-Isopropyltoluene	12.06	119	138522	20.381	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	67655	20.212	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	67100	19.689	ug/l	100
89) n-Butylbenzene	12.38	91	113038	20.331	ug/l	97
90) Hexachloroethane	12.59	117	22404	19.684	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	65968	20.042	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	11423	19.569	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	41609	20.076	ug/l	96
94) Hexachlorobutadiene	13.77	225	21047	19.631	ug/l	97
95) Naphthalene	13.83	128	136405	21.444	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	42505	20.754	ug/l	97

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

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