

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102418\
 Data File : VX005560.D
 Acq On : 25 Oct 2018 00:31
 Operator : JC/MD
 Sample : VX1024WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 11:54:00 AM

Quant Time: Oct 25 06:37:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 13:13:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	208382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	308735	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	156349	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	129699	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
35) Dibromofluoromethane	5.50	113	102128	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
50) Toluene-d8	8.71	98	386058	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
62) 4-Bromofluorobenzene	11.14	95	140030	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	31946	15.532	ug/l	97
3) Chloromethane	1.32	50	45182	17.249	ug/l	97
4) Vinyl Chloride	1.40	62	46918	18.216	ug/l	99
5) Bromomethane	1.64	94	30389	18.962	ug/l	99
6) Chloroethane	1.72	64	30913	18.788	ug/l	100
7) Trichlorofluoromethane	1.93	101	73223	20.460	ug/l	94
8) Diethyl Ether	2.19	74	28886	20.225	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40653	19.798	ug/l	97
10) Methyl Iodide	2.51	142	43454	21.884	ug/l	96
11) Tert butyl alcohol	3.06	59	75610	110.460	ug/l	99
12) 1,1-Dichloroethene	2.37	96	39296	20.089	ug/l	96
13) Acrolein	2.29	56	36469	104.445	ug/l	96
14) Allyl chloride	2.72	41	90521	20.735	ug/l	95
15) Acrylonitrile	3.14	53	161486	105.208	ug/l	100
16) Acetone	2.45	43	145012	107.886	ug/l	94
17) Carbon Disulfide	2.57	76	112963	18.945	ug/l	99
18) Methyl Acetate	2.78	43	76376	22.188	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	146391	20.980	ug/l	97
20) Methylene Chloride	2.85	84	45462	20.195	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	42502	19.900	ug/l	96
22) Diisopropyl ether	3.87	45	153837	20.179	ug/l	92
23) Vinyl Acetate	3.82	43	692742	103.177	ug/l	96
24) 1,1-Dichloroethane	3.70	63	87799	21.183	ug/l	99
25) 2-Butanone	4.70	43	217424	106.225	ug/l	94
26) 2,2-Dichloropropane	4.58	77	50906	15.908	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	45656	19.829	ug/l	96
28) Bromochloromethane	5.01	49	44331	22.114	ug/l	88
29) Tetrahydrofuran	5.15	42	139580	104.787	ug/l	90
30) Chloroform	5.21	83	80100	20.660	ug/l	97
31) Cyclohexane	5.57	56	70196	20.469	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	68892	20.133	ug/l	98
36) 1,1-Dichloropropene	5.80	75	57528	19.201	ug/l	99
37) Ethyl Acetate	4.85	43	83665	21.883	ug/l	96
38) Carbon Tetrachloride	5.78	117	60244	19.091	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	62334	18.841	ug/l	94
40) Benzene	6.15	78	177565	20.674	ug/l	98
41) Methacrylonitrile	5.06	41	43817	20.574	ug/l	95
42) 1,2-Dichloroethane	6.20	62	65740	20.149	ug/l	96
43) Isopropyl Acetate	6.46	43	112347	19.609	ug/l	95
44) Trichloroethene	7.21	130	47403	20.259	ug/l	93
45) 1,2-Dichloropropane	7.52	63	47650	20.636	ug/l	99
46) Dibromomethane	7.66	93	30358	20.356	ug/l	98
47) Bromodichloromethane	7.90	83	58809	20.317	ug/l	98
48) Methyl methacrylate	7.77	41	58341	20.903	ug/l	94
49) 1,4-Dioxane	7.75	88	25826	423.412	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	402930	104.645	ug/l	93
52) Toluene	8.79	92	109271	20.934	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	60993	19.497	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	67824	20.137	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	45092	20.490	ug/l	97
56) Ethyl methacrylate	9.18	69	66234	20.178	ug/l	92
57) 1,3-Dichloropropane	9.37	76	76122	20.443	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	185321	101.084	ug/l	93
59) 2-Hexanone	9.49	43	315237	103.837	ug/l	91
60) Dibromochloromethane	9.59	129	46523	20.262	ug/l	100
61) 1,2-Dibromoethane	9.67	107	47359	20.801	ug/l	100
64) Tetrachloroethene	9.34	164	49909	20.959	ug/l	97
65) Chlorobenzene	10.14	112	121990	19.971	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	44497	19.978	ug/l	99
67) Ethyl Benzene	10.25	91	205305	20.429	ug/l	96
68) m/p-Xylenes	10.36	106	160052	41.049	ug/l	94
69) o-Xylene	10.70	106	75034	20.455	ug/l	94
70) Styrene	10.71	104	126642	20.623	ug/l	96
71) Bromoform	10.86	173	38235	19.238	ug/l #	99
73) Isopropylbenzene	11.02	105	209213	21.890	ug/l	99
74) N-amyl acetate	10.90	43	98704	20.843	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	71764	20.353	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	69579m	21.849	ug/l	
77) Bromobenzene	11.26	156	56404	21.176	ug/l	97
78) n-propylbenzene	11.36	91	238569	21.830	ug/l	99
79) 2-Chlorotoluene	11.42	91	144738	21.361	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	178131	21.787	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	18849	18.592	ug/l	97
82) 4-Chlorotoluene	11.51	91	172472	21.586	ug/l	98
83) tert-Butylbenzene	11.77	119	171363	21.027	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	182859	22.068	ug/l	97
85) sec-Butylbenzene	11.94	105	208023	21.391	ug/l	99
86) p-Isopropyltoluene	12.07	119	188651	21.701	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	103161	20.596	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	104129	19.876	ug/l	97
89) n-Butylbenzene	12.39	91	157811	20.108	ug/l	97
90) Hexachloroethane	12.60	117	30064	20.051	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	103279	20.381	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17655	20.708	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	72883	19.841	ug/l	100
94) Hexachlorobutadiene	13.79	225	36297	19.067	ug/l	95
95) Naphthalene	13.83	128	228695	21.418	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	77628	20.847	ug/l	99

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

