

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110718\
 Data File : VX005827.D
 Acq On : 07 Nov 2018 14:18
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 11/8/2018 10:35:38 AM

Quant Time: Nov 07 14:40:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:13:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	122063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	160894	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	158798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	87993	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	203246	143.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.20%	
35) Dibromofluoromethane	5.50	113	168827	155.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	310.76%	
50) Toluene-d8	8.72	98	545886	150.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.12%	
62) 4-Bromofluorobenzene	11.14	95	221977	175.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	350.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	165551	150.513	ug/l	97
3) Chloromethane	1.32	50	197335	134.235	ug/l	98
4) Vinyl Chloride	1.41	62	208675	142.762	ug/l	95
5) Bromomethane	1.64	94	139323	158.499	ug/l	93
6) Chloroethane	1.70	64	117903	133.833	ug/l	99
7) Trichlorofluoromethane	1.91	101	268198	137.400	ug/l	100
8) Diethyl Ether	2.19	74	110817	146.346	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	149996	132.938	ug/l	97
10) Methyl Iodide	2.50	142	217641	165.605	ug/l	95
11) Tert butyl alcohol	3.10	59	314701	791.530	ug/l	98
12) 1,1-Dichloroethene	2.36	96	146901	133.690	ug/l	89
13) Acrolein	2.29	56	152884	940.195	ug/l	93
14) Allyl chloride	2.72	41	337508	138.235	ug/l	95
15) Acrylonitrile	3.16	53	600279	714.946	ug/l	99
16) Acetone	2.45	43	558487	737.045	ug/l	94
17) Carbon Disulfide	2.56	76	462117	142.382	ug/l	96
18) Methyl Acetate	2.78	43	294508	127.821	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	541211	146.383	ug/l	92
20) Methylene Chloride	2.85	84	166300	131.192	ug/l	88
21) trans-1,2-Dichloroethene	3.16	96	159746	138.600	ug/l	93
22) Diisopropyl ether	3.87	45	609042	143.192	ug/l #	93
23) Vinyl Acetate	3.83	43	2691397	742.371	ug/l	100
24) 1,1-Dichloroethane	3.68	63	314002	137.492	ug/l	98
25) 2-Butanone	4.71	43	916633	776.154	ug/l	93
26) 2,2-Dichloropropane	4.57	77	241640	145.548	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	185969	147.608	ug/l	96
28) Bromochloromethane	5.02	49	145983	144.090	ug/l	99
29) Tetrahydrofuran	5.15	42	573761	752.741	ug/l	98
30) Chloroform	5.22	83	305164	138.687	ug/l	93
31) Cyclohexane	5.57	56	301131	154.874	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	260240	142.384	ug/l	99
36) 1,1-Dichloropropene	5.80	75	238161	154.278	ug/l	99
37) Ethyl Acetate	4.87	43	325431	161.609	ug/l	99
38) Carbon Tetrachloride	5.78	117	234721	151.396	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	259950	168.815	ug/l	94
40) Benzene	6.14	78	695462	154.591	ug/l	96
41) Methacrylonitrile	5.07	41	177845	163.848	ug/l	97
42) 1,2-Dichloroethane	6.20	62	253207	157.677	ug/l	99
43) Isopropyl Acetate	6.46	43	491016	169.789	ug/l	97
44) Trichloroethene	7.21	130	174716	152.589	ug/l	88
45) 1,2-Dichloropropane	7.51	63	169456	155.314	ug/l	96
46) Dibromomethane	7.66	93	108125	158.481	ug/l	97
47) Bromodichloromethane	7.90	83	205958	160.003	ug/l	93
48) Methyl methacrylate	7.78	41	218741	168.153	ug/l	100
49) 1,4-Dioxane	7.76	88	97590	3509.170	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1547900	849.355	ug/l	96
52) Toluene	8.79	92	381156	150.993	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	250510	166.000	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	252047	163.399	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	168926	149.984	ug/l #	90
56) Ethyl methacrylate	9.18	69	305302	189.024	ug/l	97
57) 1,3-Dichloropropane	9.37	76	286521	151.662	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.32	63	712925	887.798	ug/l	100
59) 2-Hexanone	9.51	43	1408917	883.594	ug/l	98
60) Dibromochloromethane	9.59	129	203511	171.118	ug/l	96
61) 1,2-Dibromoethane	9.68	107	191170	154.221	ug/l	100
64) Tetrachloroethene	9.34	164	180958	131.022	ug/l	90
65) Chlorobenzene	10.14	112	459580	143.408	ug/l	90
66) 1,1,1,2-Tetrachloroethane	10.23	131	171287	155.887	ug/l	99
67) Ethyl Benzene	10.25	91	788734	155.576	ug/l	99
68) m/p-Xylenes	10.37	106	655186	345.170	ug/l	95
69) o-Xylene	10.70	106	283286	165.082	ug/l	100
70) Styrene	10.71	104	486083	173.242	ug/l	99
71) Bromoform	10.86	173	164964	184.813	ug/l	99
73) Isopropylbenzene	11.02	105	769249	151.410	ug/l	99
74) N-amyl acetate	10.90	43	442108	175.409	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	288085	155.122	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	257219m	142.337	ug/l	
77) Bromobenzene	11.26	156	211532	146.993	ug/l	99
78) n-propylbenzene	11.36	91	934984	157.147	ug/l	99
79) 2-Chlorotoluene	11.42	91	551090	152.446	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	688491	161.199	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	96118	175.896	ug/l	94
82) 4-Chlorotoluene	11.51	91	668910	157.968	ug/l	100
83) tert-Butylbenzene	11.77	119	693271	160.285	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	713451	161.409	ug/l	100
85) sec-Butylbenzene	11.95	105	829135	156.029	ug/l	100
86) p-Isopropyltoluene	12.07	119	762170	163.204	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	409760	148.641	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	415591	146.997	ug/l	100
89) n-Butylbenzene	12.39	91	713452	165.197	ug/l	99
90) Hexachloroethane	12.60	117	133658	173.324	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	417984	151.906	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	78358	177.101	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	319241	167.691	ug/l	100
94) Hexachlorobutadiene	13.79	225	154816	152.200	ug/l	99
95) Naphthalene	13.83	128	963256	176.325	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	313627	160.426	ug/l	100

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

