

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071918\
 Data File : VX003464.D
 Acq On : 19 Jul 2018 13:55
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 7/20/2018 5:22:07 PM

Quant Time: Jul 19 15:19:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 15:12:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	323701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	460336	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	421312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	251498	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	79372	16.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	32.28%	
35) Dibromofluoromethane	5.50	113	70151	19.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.18%	
50) Toluene-d8	8.72	98	262854	18.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.68%	
62) 4-Bromofluorobenzene	11.14	95	94037	17.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52658	15.32	ug/l	98
3) Chloromethane	1.32	50	67082	16.41	ug/l	99
4) Vinyl Chloride	1.41	62	81822	19.29	ug/l	92
5) Bromomethane	1.64	94	38925	15.21	ug/l	100
6) Chloroethane	1.73	64	49636	17.75	ug/l	100
7) Trichlorofluoromethane	1.93	101	109033	15.82	ug/l	91
8) Diethyl Ether	2.19	74	44997	17.17	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	67637	17.56	ug/l	98
10) Methyl Iodide	2.51	142	79663	16.79	ug/l	92
11) Tert butyl alcohol	3.07	59	78969	77.66	ug/l	99
12) 1,1-Dichloroethene	2.37	96	65220	18.03	ug/l	91
13) Acrolein	2.29	56	35597	69.03	ug/l	99
14) Allyl chloride	2.73	41	118074	16.44	ug/l #	86
15) Acrylonitrile	3.15	53	189413	85.36	ug/l	99
16) Acetone	2.45	43	142315	65.58	ug/l #	86
17) Carbon Disulfide	2.57	76	176557	20.58	ug/l	98
18) Methyl Acetate	2.78	43	91762	15.87	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	214793	15.83	ug/l	100
20) Methylene Chloride	2.86	84	73765	16.58	ug/l	87
21) trans-1,2-Dichloroethene	3.17	96	70371	17.93	ug/l	93
22) Diisopropyl ether	3.87	45	224742	17.30	ug/l #	96
23) Vinyl Acetate	3.82	43	896399	82.43	ug/l	97
24) 1,1-Dichloroethane	3.70	63	131189	18.60	ug/l	98
25) 2-Butanone	4.71	43	242892	85.22	ug/l	92
26) 2,2-Dichloropropane	4.57	77	98774	19.49	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	79758	19.98	ug/l	89
28) Bromochloromethane	5.02	49	53443	16.18	ug/l	85
29) Tetrahydrofuran	5.16	42	157860	84.51	ug/l	90
30) Chloroform	5.22	83	123857	18.21	ug/l	98
31) Cyclohexane	5.58	56	113570	19.56	ug/l	92
32) 1,1,1-Trichloroethane	5.50	97	105880	18.62	ug/l	97
36) 1,1-Dichloropropene	5.80	75	93453	19.11	ug/l	97
37) Ethyl Acetate	4.86	43	92222	16.67	ug/l	96
38) Carbon Tetrachloride	5.78	117	94555	19.42	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	114579	20.05	ug/l	94
40) Benzene	6.15	78	307933	21.01	ug/l	98
41) Methacrylonitrile	5.06	41	53678	17.18	ug/l	92
42) 1,2-Dichloroethane	6.20	62	99739	17.57	ug/l	94
43) Isopropyl Acetate	6.47	43	145232	15.84	ug/l #	92
44) Trichloroethene	7.21	130	88528	20.92	ug/l	98
45) 1,2-Dichloropropane	7.52	63	74808	19.39	ug/l	100
46) Dibromomethane	7.66	93	48696	18.87	ug/l	94
47) Bromodichloromethane	7.90	83	88319	19.40	ug/l	96
48) Methyl methacrylate	7.78	41	74103	15.82	ug/l #	84
49) 1,4-Dioxane	7.76	88	33881	381.86	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	479094	81.39	ug/l	91
52) Toluene	8.79	92	186530	19.95	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	109594	20.46	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	98294	19.81	ug/l #	88
55) 1,1,2-Trichloroethane	9.22	97	75255	19.92	ug/l	97
56) Ethyl methacrylate	9.18	69	105631	18.17	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	121261	18.97	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	258085	91.76	ug/l	96
59) 2-Hexanone	9.50	43	358519	80.82	ug/l	88
60) Dibromochloromethane	9.59	129	73399	20.12	ug/l	99
61) 1,2-Dibromoethane	9.68	107	77432	19.79	ug/l	100
64) Tetrachloroethene	9.34	164	104206	22.28	ug/l	98
65) Chlorobenzene	10.14	112	214530	20.73	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	74310	21.07	ug/l	99
67) Ethyl Benzene	10.26	91	344365	19.73	ug/l	99
68) m/p-Xylenes	10.36	106	273789	40.67	ug/l	96
69) o-Xylene	10.70	106	131171	19.83	ug/l	96
70) Styrene	10.71	104	220943	20.31	ug/l	96
71) Bromoform	10.86	173	56042	21.14	ug/l #	100
73) Isopropylbenzene	11.02	105	351582	20.90	ug/l	99
74) N-amyl acetate	6.47	43	145232	17.38	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.27	83	100897	20.31	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	91810m	19.35	ug/l	
77) Bromobenzene	11.26	156	99390	21.21	ug/l	95
78) n-propylbenzene	11.36	91	393352	20.39	ug/l	98
79) 2-Chlorotoluene	11.42	91	236555	20.54	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	292216	20.56	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	27652	22.04	ug/l	91
82) 4-Chlorotoluene	11.51	91	272621	20.06	ug/l	97
83) tert-Butylbenzene	11.77	119	280666	20.50	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	297877	20.54	ug/l	98
85) sec-Butylbenzene	11.95	105	341130	20.03	ug/l	100
86) p-Isopropyltoluene	12.07	119	308141	20.00	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	178333	20.75	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	178959	20.47	ug/l	99
89) n-Butylbenzene	12.39	91	251744	18.52	ug/l	99
90) Hexachloroethane	12.60	117	40722	19.15	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	178366	20.62	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19628	18.86	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	124524	19.84	ug/l	99
94) Hexachlorobutadiene	13.79	225	60576	18.32	ug/l	99
95) Naphthalene	13.83	128	349960	20.72	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	128158	20.33	ug/l	99

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

