

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092618\
 Data File : VX004727.D
 Acq On : 26 Sep 2018 14:16
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX092618

Manual Integrations
 APPROVED

MMDadoda
 10/1/2018 1:31:00 PM

Quant Time: Sep 27 01:17:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	306506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	394137	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	363426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223846	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	188466	43.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.08%	
35) Dibromofluoromethane	5.50	113	166608	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
50) Toluene-d8	8.71	98	557533	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	11.14	95	208629	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	221684	53.046	ug/l	99
3) Chloromethane	1.32	50	259009	51.084	ug/l	99
4) Vinyl Chloride	1.40	62	239614	50.387	ug/l	97
5) Bromomethane	1.64	94	150020	53.200	ug/l	97
6) Chloroethane	1.71	64	141015	54.628	ug/l	98
7) Trichlorofluoromethane	1.92	101	314007	53.337	ug/l	97
8) Diethyl Ether	2.19	74	122820	48.022	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	174826	52.132	ug/l	97
10) Methyl Iodide	2.51	142	219572	48.930	ug/l	99
11) Tert butyl alcohol	3.08	59	298160	243.544	ug/l	99
12) 1,1-Dichloroethene	2.37	96	168416	50.711	ug/l	97
13) Acrolein	2.29	56	212619	244.095	ug/l	98
14) Allyl chloride	2.73	41	379739	52.404	ug/l	93
15) Acrylonitrile	3.15	53	629028	233.401	ug/l	95
16) Acetone	2.45	43	663990	259.755	ug/l	91
17) Carbon Disulfide	2.56	76	502528	50.356	ug/l	100
18) Methyl Acetate	2.78	43	300049	46.329	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	592292	51.703	ug/l	93
20) Methylene Chloride	2.85	84	179966	48.395	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	170291	46.841	ug/l	88
22) Diisopropyl ether	3.87	45	641986	52.612	ug/l	96
23) Vinyl Acetate	3.82	43	2906455	260.216	ug/l	97
24) 1,1-Dichloroethane	3.69	63	334308	45.929	ug/l	99
25) 2-Butanone	4.70	43	990160	262.785	ug/l #	88
26) 2,2-Dichloropropane	4.58	77	277195	54.688	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	205506	50.600	ug/l	99
28) Bromochloromethane	5.01	49	164534	48.002	ug/l	90
29) Tetrahydrofuran	5.15	42	595191	254.148	ug/l	92
30) Chloroform	5.21	83	315385	45.847	ug/l	97
31) Cyclohexane	5.57	56	302783	54.350	ug/l	86
32) 1,1,1-Trichloroethane	5.49	97	270473	48.144	ug/l	100
36) 1,1-Dichloropropene	5.79	75	246609	54.111	ug/l	99
37) Ethyl Acetate	4.87	43	326125	53.908	ug/l	98
38) Carbon Tetrachloride	5.78	117	237565	49.588	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	280046	60.177	ug/l #	84
40) Benzene	6.14	78	754845	52.904	ug/l	97
41) Methacrylonitrile	5.06	41	180791	53.887	ug/l	96
42) 1,2-Dichloroethane	6.20	62	255608	50.676	ug/l	97
43) Isopropyl Acetate	6.46	43	458566	52.517	ug/l	98
44) Trichloroethene	7.21	130	177551	50.620	ug/l	92
45) 1,2-Dichloropropane	7.52	63	179312	51.247	ug/l	98
46) Dibromomethane	7.66	93	113329	51.537	ug/l	99
47) Bromodichloromethane	7.90	83	216632	52.618	ug/l	100
48) Methyl methacrylate	7.78	41	226631	57.184	ug/l	95
49) 1,4-Dioxane	7.76	88	106468	1081.318	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1523520	277.110	ug/l	96
52) Toluene	8.79	92	414999	52.933	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	251702	54.101	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	272299	55.878	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	170783	49.730	ug/l	97
56) Ethyl methacrylate	9.18	69	272184	48.908	ug/l	94
57) 1,3-Dichloropropane	9.37	76	290208	50.774	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	761232	256.841	ug/l	95
59) 2-Hexanone	9.50	43	1225954	267.588	ug/l	94
60) Dibromochloromethane	9.59	129	177369	51.644	ug/l	100
61) 1,2-Dibromoethane	9.68	107	177398	48.234	ug/l	99
64) Tetrachloroethene	9.34	164	172874	48.331	ug/l	97
65) Chlorobenzene	10.14	112	465053	49.902	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	165567	50.535	ug/l	99
67) Ethyl Benzene	10.26	91	793533	53.633	ug/l	97
68) m/p-Xylenes	10.36	106	626451	108.351	ug/l	95
69) o-Xylene	10.70	106	298519	56.214	ug/l	97
70) Styrene	10.71	104	505796	50.886	ug/l	97
71) Bromoform	10.86	173	144095	51.373	ug/l	100
73) Isopropylbenzene	11.02	105	793472	56.237	ug/l	100
74) N-amyl acetate	10.90	43	391119	50.419	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	280478	48.835	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	256309m	51.086	ug/l	
77) Bromobenzene	11.26	156	212891	51.948	ug/l	98
78) n-propylbenzene	11.36	91	928111	57.331	ug/l	100
79) 2-Chlorotoluene	11.42	91	554405	54.942	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	690112	53.379	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	86463	47.121	ug/l	98
82) 4-Chlorotoluene	11.51	91	664380	55.937	ug/l	99
83) tert-Butylbenzene	11.77	119	664895	57.236	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	711624	53.374	ug/l	98
85) sec-Butylbenzene	11.94	105	812118	57.396	ug/l	98
86) p-Isopropyltoluene	12.07	119	737210	57.507	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	399470	52.202	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	408703	51.737	ug/l	99
89) n-Butylbenzene	12.39	91	678112	58.244	ug/l	98
90) Hexachloroethane	12.60	117	111602	52.287	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	400041	50.023	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	63310	50.203	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	311506	55.528	ug/l	99
94) Hexachlorobutadiene	13.79	225	152114	52.290	ug/l	96
95) Naphthalene	13.83	128	968467	51.985	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	313631	54.120	ug/l	99

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

