

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
 Data File : VX004810.D
 Acq On : 28 Sep 2018 08:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/28/2018 2:26:12 PM

Quant Time: Sep 28 08:45:31 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	240760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	355416	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206295	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	167018	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	5.50	113	135347	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
50) Toluene-d8	8.72	98	518642	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
62) 4-Bromofluorobenzene	11.14	95	190838	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	202966	61.829	ug/l	94
3) Chloromethane	1.32	50	204082	51.242	ug/l	99
4) Vinyl Chloride	1.40	62	213127	57.056	ug/l	100
5) Bromomethane	1.64	94	104547	47.199	ug/l	99
6) Chloroethane	1.71	64	119028	58.884	ug/l	97
7) Trichlorofluoromethane	1.92	101	262211	56.702	ug/l	95
8) Diethyl Ether	2.19	74	105020	52.276	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.38	101	147360	55.942	ug/l	100
10) Methyl Iodide	2.51	142	101794	28.878	ug/l	97
11) Tert butyl alcohol	3.08	59	251997	262.047	ug/l	100
12) 1,1-Dichloroethene	2.37	96	142078	54.463	ug/l	94
13) Acrolein	2.29	56	141395	206.655	ug/l	99
14) Allyl chloride	2.73	41	302447	53.136	ug/l	95
15) Acrylonitrile	3.15	53	570890	269.675	ug/l	99
16) Acetone	2.45	43	492510	245.285	ug/l	95
17) Carbon Disulfide	2.57	76	423678	54.048	ug/l	98
18) Methyl Acetate	2.78	43	288773	56.764	ug/l	91
19) Methyl tert-butyl Ether	3.20	73	508957	56.561	ug/l	96
20) Methylene Chloride	2.85	84	163361	56.059	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	155516	54.458	ug/l	94
22) Diisopropyl ether	3.87	45	532990	55.608	ug/l	96
23) Vinyl Acetate	3.82	43	2410436	274.739	ug/l	98
24) 1,1-Dichloroethane	3.70	63	300237	52.512	ug/l	97
25) 2-Butanone	4.70	43	765183	258.533	ug/l	94
26) 2,2-Dichloropropane	4.59	77	134491	33.780	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	164356	51.519	ug/l	95
28) Bromochloromethane	5.02	49	128814	47.843	ug/l	91
29) Tetrahydrofuran	5.15	42	494550	268.840	ug/l	92
30) Chloroform	5.21	83	272424	50.416	ug/l	98
31) Cyclohexane	5.57	56	257986	58.955	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	235219	53.302	ug/l	99
36) 1,1-Dichloropropene	5.80	75	205478	49.998	ug/l	100
37) Ethyl Acetate	4.86	43	270409	49.568	ug/l	97
38) Carbon Tetrachloride	5.78	117	207445	48.019	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	241516	57.552	ug/l	95
40) Benzene	6.14	78	623145	48.432	ug/l	100
41) Methacrylonitrile	5.06	41	152707	50.475	ug/l	95
42) 1,2-Dichloroethane	6.20	62	223589	49.158	ug/l	97
43) Isopropyl Acetate	6.46	43	407870	51.800	ug/l	96
44) Trichloroethene	7.21	130	164768	52.093	ug/l	94
45) 1,2-Dichloropropane	7.52	63	168832	53.508	ug/l	99
46) Dibromomethane	7.66	93	107903	54.416	ug/l	97
47) Bromodichloromethane	7.90	83	204399	55.055	ug/l	100
48) Methyl methacrylate	7.77	41	215764	60.373	ug/l	93
49) 1,4-Dioxane	7.75	88	91558	1031.195	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1438095	290.069	ug/l	95
52) Toluene	8.79	92	387683	54.836	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	215660	51.404	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	237847	54.126	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	160785	51.919	ug/l	96
56) Ethyl methacrylate	9.18	69	257414	51.153	ug/l	94
57) 1,3-Dichloropropane	9.37	76	270445	52.471	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	701071	262.009	ug/l	93
59) 2-Hexanone	9.50	43	1144692	277.071	ug/l	94
60) Dibromochloromethane	9.59	129	165147	53.324	ug/l	100
61) 1,2-Dibromoethane	9.67	107	167247	50.428	ug/l	99
64) Tetrachloroethene	9.34	164	160873	48.226	ug/l	99
65) Chlorobenzene	10.14	112	428603	49.315	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	156276	51.147	ug/l	99
67) Ethyl Benzene	10.26	91	741897	53.768	ug/l	97
68) m/p-Xylenes	10.36	106	574338	106.517	ug/l	94
69) o-Xylene	10.70	106	278037	56.141	ug/l	97
70) Styrene	10.71	104	469385	50.646	ug/l	97
71) Bromoform	10.86	173	135006	51.611	ug/l	99
73) Isopropylbenzene	11.02	105	743089	57.147	ug/l	99
74) N-amyl acetate	10.90	43	374214	52.277	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	266380	50.326	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	238078m	51.489	ug/l	
77) Bromobenzene	11.26	156	199542	52.833	ug/l	97
78) n-propylbenzene	11.36	91	862438	57.806	ug/l	99
79) 2-Chlorotoluene	11.42	91	511116	54.961	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	631947	53.038	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	66483	39.644	ug/l	99
82) 4-Chlorotoluene	11.51	91	604615	55.236	ug/l	99
83) tert-Butylbenzene	11.77	119	620582	57.967	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	657324	53.496	ug/l	98
85) sec-Butylbenzene	11.94	105	751038	57.595	ug/l	98
86) p-Isopropyltoluene	12.07	119	674103	57.058	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	365420	51.815	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	370825	50.936	ug/l	99
89) n-Butylbenzene	12.39	91	598671	55.796	ug/l	97
90) Hexachloroethane	12.60	117	108503	55.160	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	372402	50.529	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	63261	54.432	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	277960	53.764	ug/l	99
94) Hexachlorobutadiene	13.79	225	130999	48.863	ug/l	98
95) Naphthalene	13.83	128	908202	52.885	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	284665	53.301	ug/l	99

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

