

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101018\
 Data File : VW005973.D
 Acq On : 10 Oct 2018 07:51
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 10/10/2018 11:34:59 AM

Quant Time: Oct 10 09:42:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	219009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	331712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	308274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	173697	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	107498	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
35) Dibromofluoromethane	7.88	113	109439	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
50) Toluene-d8	10.33	98	410310	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
62) 4-Bromofluorobenzene	12.62	95	155673	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	53286	49.650	ug/l	99
3) Chloromethane	2.21	50	69091	54.730	ug/l	99
4) Vinyl Chloride	2.37	62	111294	55.531	ug/l	97
5) Bromomethane	2.79	94	103027	65.135	ug/l	99
6) Chloroethane	2.93	64	81010	63.443	ug/l	100
7) Trichlorofluoromethane	3.26	101	86244	54.211	ug/l	99
8) Diethyl Ether	3.68	74	56073	57.270	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	100378	49.997	ug/l	100
10) Methyl Iodide	4.26	142	179800	54.761	ug/l	100
11) Tert butyl alcohol	5.22	59	38884	249.549	ug/l	96
12) 1,1-Dichloroethene	4.04	96	99247	51.478	ug/l	93
13) Acrolein	3.89	56	32375	233.158	ug/l	98
14) Allyl chloride	4.67	41	143663	43.696	ug/l	97
15) Acrylonitrile	5.38	53	114234	268.093	ug/l	100
16) Acetone	4.14	43	86725	204.217	ug/l	99
17) Carbon Disulfide	4.38	76	287402	49.308	ug/l	100
18) Methyl Acetate	4.68	43	64349	60.046	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	165947	55.326	ug/l	97
20) Methylene Chloride	4.92	84	110594	51.979	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	112448	53.513	ug/l	95
22) Diisopropyl ether	6.31	45	310015	50.441	ug/l	97
23) Vinyl Acetate	6.26	43	893935	236.312	ug/l	98
24) 1,1-Dichloroethane	6.21	63	193226	51.374	ug/l	100
25) 2-Butanone	7.18	43	147379	243.997	ug/l	95
26) 2,2-Dichloropropane	7.17	77	103227	38.997	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	129818	54.628	ug/l	93
28) Bromochloromethane	7.51	49	67705	48.767	ug/l	93
29) Tetrahydrofuran	7.54	42	99255	259.947	ug/l	95
30) Chloroform	7.68	83	207786	53.784	ug/l	98
31) Cyclohexane	7.96	56	163659	43.970	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	176058	51.173	ug/l	99
36) 1,1-Dichloropropene	8.09	75	158270	49.795	ug/l	99
37) Ethyl Acetate	7.26	43	67564	50.196	ug/l	98
38) Carbon Tetrachloride	8.07	117	165973	48.603	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	199711	47.638	ug/l	96
40) Benzene	8.32	78	451255	51.873	ug/l	99
41) Methacrylonitrile	7.48	41	44262	52.525	ug/l	96
42) 1,2-Dichloroethane	8.40	62	137490	52.314	ug/l	99
43) Isopropyl Acetate	8.43	43	140790	50.074	ug/l	98
44) Trichloroethene	9.09	130	134731	53.379	ug/l	96
45) 1,2-Dichloropropane	9.37	63	111516	51.212	ug/l	99
46) Dibromomethane	9.46	93	65224	54.500	ug/l	98
47) Bromodichloromethane	9.65	83	154607	51.337	ug/l	99
48) Methyl methacrylate	9.44	41	67028	50.044	ug/l	92
49) 1,4-Dioxane	9.48	88	21664	1191.729	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	359623	262.658	ug/l	98
52) Toluene	10.39	92	299079	52.332	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	148899	47.311	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	169272	47.846	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	91013	54.905	ug/l	98
56) Ethyl methacrylate	10.65	69	119027	53.276	ug/l	96
57) 1,3-Dichloropropane	10.93	76	150332	53.909	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	236021	259.630	ug/l	98
59) 2-Hexanone	10.97	43	244903	249.464	ug/l	96
60) Dibromochloromethane	11.13	129	113989	53.289	ug/l	99
61) 1,2-Dibromoethane	11.24	107	92060	55.578	ug/l	99
64) Tetrachloroethene	10.87	164	135228	58.888	ug/l	99
65) Chlorobenzene	11.66	112	342955	51.937	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	126970	52.459	ug/l	99
67) Ethyl Benzene	11.74	91	590696	50.645	ug/l	97
68) m/p-Xylenes	11.84	106	469831	103.078	ug/l	98
69) o-Xylene	12.17	106	227255	52.079	ug/l	98
70) Styrene	12.18	104	380929	52.614	ug/l	99
71) Bromoform	12.35	173	74571	51.723	ug/l #	100
73) Isopropylbenzene	12.47	105	627933	49.501	ug/l	100
74) N-amyl acetate	12.27	43	138395	45.937	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	110019	52.914	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	81722m	52.670	ug/l	
77) Bromobenzene	12.75	156	160577	53.429	ug/l	94
78) n-propylbenzene	12.81	91	728128	48.795	ug/l	100
79) 2-Chlorotoluene	12.90	91	417859	49.605	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	532057	49.680	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	28953	39.394	ug/l	96
82) 4-Chlorotoluene	12.99	91	442129	49.886	ug/l	97
83) tert-Butylbenzene	13.21	119	474310	49.794	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	545488	50.494	ug/l	99
85) sec-Butylbenzene	13.39	105	663710	49.639	ug/l	100
86) p-Isopropyltoluene	13.51	119	599987	49.899	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	315946	52.915	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	311415	52.486	ug/l	99
89) n-Butylbenzene	13.83	91	545931	48.167	ug/l	99
90) Hexachloroethane	14.10	117	105546	46.672	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	287264	54.190	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19127	49.362	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	211704	51.506	ug/l	99
94) Hexachlorobutadiene	15.24	225	124219	48.418	ug/l	100
95) Naphthalene	15.38	128	391379	55.242	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	189847	53.343	ug/l	100

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

