

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005628.D
 Acq On : 25 Sep 2018 23:54
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 9/26/2018 2:38:25 PM

Quant Time: Sep 26 05:48:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	252906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	396448	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	379816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	198405	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	152821	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
35) Dibromofluoromethane	7.88	113	129129	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
50) Toluene-d8	10.33	98	537236	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
62) 4-Bromofluorobenzene	12.62	95	202673	53.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	62842	40.709	ug/l	99
3) Chloromethane	2.21	50	74994	36.888	ug/l	98
4) Vinyl Chloride	2.37	62	117397	48.309	ug/l	99
5) Bromomethane	2.78	94	74688	45.479	ug/l	98
6) Chloroethane	2.93	64	72767	46.666	ug/l	99
7) Trichlorofluoromethane	3.26	101	77359	40.701	ug/l	94
8) Diethyl Ether	3.68	74	64858	52.239	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	116483	48.415	ug/l	99
10) Methyl Iodide	4.26	142	184920	49.978	ug/l	97
11) Tert butyl alcohol	5.22	59	45325	295.063	ug/l	97
12) 1,1-Dichloroethene	4.04	96	111278	48.311	ug/l	97
13) Acrolein	3.90	56	28158	275.741	ug/l	98
14) Allyl chloride	4.67	41	209419	52.097	ug/l	97
15) Acrylonitrile	5.37	53	152684	276.982	ug/l	99
16) Acetone	4.14	43	123443	264.080	ug/l	94
17) Carbon Disulfide	4.38	76	336545	46.764	ug/l	100
18) Methyl Acetate	4.68	43	80710	57.155	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	194710	54.767	ug/l	99
20) Methylene Chloride	4.92	84	139910	56.615	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	127133	50.393	ug/l	98
22) Diisopropyl ether	6.32	45	419502	53.759	ug/l	98
23) Vinyl Acetate	6.26	43	1238529	277.685	ug/l	100
24) 1,1-Dichloroethane	6.22	63	245083	50.834	ug/l	100
25) 2-Butanone	7.18	43	194696	269.054	ug/l	99
26) 2,2-Dichloropropane	7.17	77	148043	43.984	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	142897	51.354	ug/l	99
28) Bromochloromethane	7.51	49	94520	49.493	ug/l	98
29) Tetrahydrofuran	7.54	42	129518	286.495	ug/l	99
30) Chloroform	7.68	83	248592	49.943	ug/l	99
31) Cyclohexane	7.96	56	214211	46.375	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	207508	47.192	ug/l	99
36) 1,1-Dichloropropene	8.09	75	192153	48.148	ug/l	99
37) Ethyl Acetate	7.26	43	89461	53.268	ug/l	100
38) Carbon Tetrachloride	8.07	117	198095	46.321	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	231176	49.097	ug/l	98
40) Benzene	8.33	78	553584	48.957	ug/l	100
41) Methacrylonitrile	7.49	41	51983	54.392	ug/l	97
42) 1,2-Dichloroethane	8.40	62	177368	48.993	ug/l	98
43) Isopropyl Acetate	8.43	43	178216	53.972	ug/l	99
44) Trichloroethene	9.10	130	140330	48.484	ug/l	94
45) 1,2-Dichloropropane	9.37	63	139939	50.304	ug/l	96
46) Dibromomethane	9.46	93	70004	50.364	ug/l	97
47) Bromodichloromethane	9.65	83	187205	50.137	ug/l	98
48) Methyl methacrylate	9.44	41	88316	56.311	ug/l	95
49) 1,4-Dioxane	9.47	88	24560	1111.373	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	478096	287.476	ug/l	99
52) Toluene	10.39	92	363055	51.457	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	196442	52.480	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	219410	52.316	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	104853	53.143	ug/l	99
56) Ethyl methacrylate	10.65	69	144295	59.244	ug/l	98
57) 1,3-Dichloropropane	10.94	76	186469	53.325	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	317795	287.836	ug/l	99
59) 2-Hexanone	10.98	43	331068	293.038	ug/l	98
60) Dibromochloromethane	11.13	129	125947	52.831	ug/l	99
61) 1,2-Dibromoethane	11.24	107	98442	53.513	ug/l	95
64) Tetrachloroethene	10.87	164	131356	48.728	ug/l	99
65) Chlorobenzene	11.66	112	397910	49.350	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.74	131	144061	49.643	ug/l	99
67) Ethyl Benzene	11.74	91	724665	50.634	ug/l	99
68) m/p-Xylenes	11.85	106	548910	101.516	ug/l	97
69) o-Xylene	12.17	106	259235	51.192	ug/l	98
70) Styrene	12.19	104	443168	52.002	ug/l	99
71) Bromoform	12.35	173	80182	52.053	ug/l	99
73) Isopropylbenzene	12.47	105	736687	53.543	ug/l	99
74) N-amyl acetate	12.28	43	179739	57.691	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	127559	55.815	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	105216m	62.211	ug/l	
77) Bromobenzene	12.75	156	164635	51.053	ug/l	97
78) n-propylbenzene	12.81	91	857138	51.456	ug/l	99
79) 2-Chlorotoluene	12.90	91	489380	50.779	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	619766	51.803	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	42378	56.436	ug/l	94
82) 4-Chlorotoluene	12.99	91	533915	52.434	ug/l	96
83) tert-Butylbenzene	13.21	119	504877	50.231	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	648132	53.683	ug/l	96
85) sec-Butylbenzene	13.39	105	743041	50.972	ug/l	99
86) p-Isopropyltoluene	13.51	119	686990	52.578	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	338803	51.380	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	334353	50.983	ug/l	96
89) n-Butylbenzene	13.83	91	641326	52.038	ug/l	97
90) Hexachloroethane	14.10	117	119687	50.539	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	298702	51.315	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22951	52.710	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	222901	53.680	ug/l	98
94) Hexachlorobutadiene	15.24	225	131085	48.728	ug/l	98
95) Naphthalene	15.38	128	423097	60.575	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	199151	54.421	ug/l	99

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

