

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005601.D
 Acq On : 25 Sep 2018 10:35
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 9/26/2018 12:25:49 PM

Quant Time: Sep 25 14:05:27 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	7.96	168	243050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	352695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	316279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	170859	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	131026	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	
35) Dibromofluoromethane	7.89	113	115007	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
50) Toluene-d8	10.33	98	478903	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.63	95	174216	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	83711	57.774	ug/l	96
3) Chloromethane	2.22	50	95461	48.859	ug/l	98
4) Vinyl Chloride	2.37	62	125108	53.570	ug/l	98
5) Bromomethane	2.79	94	79902	50.627	ug/l	96
6) Chloroethane	2.93	64	75676	50.499	ug/l	98
7) Trichlorofluoromethane	3.26	101	107894	59.069	ug/l	94
8) Diethyl Ether	3.68	74	56092	47.011	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	123070	53.227	ug/l	99
10) Methyl Iodide	4.27	142	182122	51.218	ug/l	99
11) Tert butyl alcohol	5.23	59	35918	242.886	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	112963	51.032	ug/l	97
13) Acrolein	3.90	56	25242	255.774	ug/l	99
14) Allyl chloride	4.67	41	195228	50.536	ug/l	98
15) Acrylonitrile	5.38	53	120586	227.624	ug/l	98
16) Acetone	4.15	43	130129	290.622	ug/l	95
17) Carbon Disulfide	4.38	76	348791	50.431	ug/l	98
18) Methyl Acetate	4.68	43	60080	44.271	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	172972	50.626	ug/l	98
20) Methylene Chloride	4.92	84	122083	50.973	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	122831	50.662	ug/l	97
22) Diisopropyl ether	6.32	45	377840	50.383	ug/l	99
23) Vinyl Acetate	6.26	43	1060545	247.422	ug/l	99
24) 1,1-Dichloroethane	6.22	63	231097	49.877	ug/l	99
25) 2-Butanone	7.18	43	158074	227.304	ug/l	99
26) 2,2-Dichloropropane	7.17	77	168698	52.153	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	134948	50.464	ug/l	99
28) Bromochloromethane	7.52	49	80802	44.026	ug/l	99
29) Tetrahydrofuran	7.54	42	98269	226.187	ug/l	99
30) Chloroform	7.68	83	235600	49.253	ug/l	100
31) Cyclohexane	7.96	56	220493	49.671	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	218359	51.673	ug/l	99
36) 1,1-Dichloropropene	8.09	75	190539	53.666	ug/l	99
37) Ethyl Acetate	7.26	43	70945	47.483	ug/l	100
38) Carbon Tetrachloride	8.07	117	207097	54.433	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	236506	56.460	ug/l	99
40) Benzene	8.33	78	522269	51.917	ug/l	100
41) Methacrylonitrile	7.49	41	44130	51.904	ug/l	97
42) 1,2-Dichloroethane	8.40	62	157138	48.789	ug/l	99
43) Isopropyl Acetate	8.43	43	140959	47.985	ug/l	100
44) Trichloroethene	9.10	130	137398	53.360	ug/l	95
45) 1,2-Dichloropropane	9.37	63	126065	50.938	ug/l	98
46) Dibromomethane	9.46	93	60873	49.227	ug/l	98
47) Bromodichloromethane	9.65	83	168210	50.639	ug/l	99
48) Methyl methacrylate	9.45	41	68925	49.399	ug/l	95
49) 1,4-Dioxane	9.48	88	19964	1015.467	ug/l #	98
51) 4-Methyl-2-Pentanone	10.22	43	356252	240.785	ug/l	99
52) Toluene	10.40	92	338483	53.926	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	175947	52.836	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	200929	53.853	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	88321	50.317	ug/l	98
56) Ethyl methacrylate	10.65	69	112736	52.028	ug/l	99
57) 1,3-Dichloropropane	10.94	76	156050	50.162	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	247470	251.946	ug/l	99
59) 2-Hexanone	10.98	43	260777	259.456	ug/l	100
60) Dibromochloromethane	11.13	129	111722	52.678	ug/l	99
61) 1,2-Dibromoethane	11.24	107	81993	50.101	ug/l	97
64) Tetrachloroethene	10.87	164	120969	53.890	ug/l	99
65) Chlorobenzene	11.66	112	361683	53.868	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.74	131	130666	54.072	ug/l	99
67) Ethyl Benzene	11.74	91	672639	56.440	ug/l	99
68) m/p-Xylenes	11.85	106	510620	113.406	ug/l	100
69) o-Xylene	12.17	106	238347	56.523	ug/l	100
70) Styrene	12.19	104	396573	55.883	ug/l	99
71) Bromoform	12.35	173	66612	51.931	ug/l #	100
73) Isopropylbenzene	12.47	105	693592	58.538	ug/l	100
74) N-amyl acetate	12.28	43	137141	51.115	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	99337	50.474	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	71127m	48.836	ug/l	
77) Bromobenzene	12.76	156	150197	54.084	ug/l	98
78) n-propylbenzene	12.81	91	829034	57.793	ug/l	99
79) 2-Chlorotoluene	12.90	91	465171	56.049	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	592692	57.527	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	33576	51.923	ug/l	97
82) 4-Chlorotoluene	12.99	91	492179	56.128	ug/l	100
83) tert-Butylbenzene	13.21	119	508943	58.799	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	602691	57.968	ug/l	98
85) sec-Butylbenzene	13.39	105	745168	59.359	ug/l	100
86) p-Isopropyltoluene	13.51	119	665620	59.155	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	309262	54.462	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	306060	54.193	ug/l	99
89) n-Butylbenzene	13.83	91	627917	59.164	ug/l	100
90) Hexachloroethane	14.10	117	113532	55.669	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	270736	54.009	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18180	48.484	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	199760	55.862	ug/l	100
94) Hexachlorobutadiene	15.25	225	132672	57.269	ug/l	99
95) Naphthalene	15.38	128	332913	55.348	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	172114	54.616	ug/l	99

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

