

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090718\
 Data File : VW005202.D
 Acq On : 07 Sep 2018 10:38
 Operator : SY/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
 9/10/2018 10:48:00 AM

Quant Time: Sep 07 16:17:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	532011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	750726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	727954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	385482	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	201721	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	
35) Dibromofluoromethane	7.89	113	206023	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
50) Toluene-d8	10.33	98	1042228	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
62) 4-Bromofluorobenzene	12.62	95	375217	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	221003	51.55	ug/l	99
3) Chloromethane	2.21	50	338366	54.39	ug/l	98
4) Vinyl Chloride	2.36	62	333505	55.13	ug/l	100
5) Bromomethane	2.77	94	217144	60.17	ug/l	100
6) Chloroethane	2.92	64	194711	51.71	ug/l	99
7) Trichlorofluoromethane	3.26	101	363947	53.48	ug/l	98
8) Diethyl Ether	3.69	74	123075	49.98	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	252885	54.10	ug/l	98
10) Methyl Iodide	4.28	142	229455	34.16	ug/l	99
11) Tert butyl alcohol	5.19	59	78433	320.00	ug/l	98
12) 1,1-Dichloroethene	4.04	96	227525	52.89	ug/l	96
13) Acrolein	3.90	56	73334	256.19	ug/l	99
14) Allyl chloride	4.68	41	372078	55.33	ug/l	99
15) Acrylonitrile	5.38	53	280761	270.33	ug/l	99
16) Acetone	4.14	43	245198	277.23	ug/l	99
17) Carbon Disulfide	4.39	76	791505	52.80	ug/l	98
18) Methyl Acetate	4.68	43	131506	50.54	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	561728	53.77	ug/l	99
20) Methylene Chloride	4.92	84	314197	52.81	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	262634	50.11	ug/l	99
22) Diisopropyl ether	6.32	45	789990	55.83	ug/l	97
23) Vinyl Acetate	6.26	43	2097292	282.17	ug/l	99
24) 1,1-Dichloroethane	6.22	63	458894	51.88	ug/l	98
25) 2-Butanone	7.18	43	422615	275.49	ug/l	98
26) 2,2-Dichloropropane	7.18	77	413986	56.96	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	290264	50.63	ug/l	96
28) Bromochloromethane	7.52	49	181161	50.89	ug/l	95
29) Tetrahydrofuran	7.54	42	211431	269.74	ug/l	98
30) Chloroform	7.68	83	449474	49.79	ug/l	99
31) Cyclohexane	7.96	56	483299	55.80	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	411819	52.38	ug/l	99
36) 1,1-Dichloropropene	8.09	75	402433	56.29	ug/l	99
37) Ethyl Acetate	7.26	43	147992	55.35	ug/l	100
38) Carbon Tetrachloride	8.07	117	363832	53.52	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	524857	60.70	ug/l	99
40) Benzene	8.33	78	1179933	53.91	ug/l	99
41) Methacrylonitrile	7.49	41	80700	52.09	ug/l	93
42) 1,2-Dichloroethane	8.40	62	266376	49.73	ug/l	99
43) Isopropyl Acetate	8.43	43	275131	56.55	ug/l	98
44) Trichloroethene	9.10	130	309591	52.42	ug/l	97
45) 1,2-Dichloropropane	9.37	63	288260	53.91	ug/l	98
46) Dibromomethane	9.46	93	126843	49.61	ug/l	97
47) Bromodichloromethane	9.65	83	332059	51.58	ug/l	98
48) Methyl methacrylate	9.44	41	147874	63.12	ug/l	88
49) 1,4-Dioxane	9.46	88	47971	1160.16	ug/l #	86
51) 4-Methyl-2-Pentanone	10.21	43	953536	292.41	ug/l	100
52) Toluene	10.39	92	825811	55.68	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	351396	55.55	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	427271	55.54	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	200997	50.77	ug/l	97
56) Ethyl methacrylate	10.65	69	273377	60.53	ug/l	99
57) 1,3-Dichloropropane	10.94	76	345240	52.97	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	601851	281.22	ug/l	98
59) 2-Hexanone	10.98	43	717714	325.41	ug/l	100
60) Dibromochloromethane	11.13	129	228785	51.12	ug/l	99
61) 1,2-Dibromoethane	11.24	107	186274	52.12	ug/l	99
64) Tetrachloroethene	10.87	164	296221	51.86	ug/l	98
65) Chlorobenzene	11.66	112	894284	54.57	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	261742	52.27	ug/l	99
67) Ethyl Benzene	11.74	91	1626431	58.71	ug/l	100
68) m/p-Xylenes	11.85	106	1289569	116.25	ug/l	99
69) o-Xylene	12.17	106	602444	58.74	ug/l	100
70) Styrene	12.19	104	983491	58.05	ug/l	99
71) Bromoform	12.35	173	135676	51.12	ug/l #	99
73) Isopropylbenzene	12.47	105	1648700	60.66	ug/l	100
74) N-amyl acetate	12.28	43	300950	64.30	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	231576	55.97	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	157015m	54.26	ug/l	
77) Bromobenzene	12.76	156	364074	54.36	ug/l	96
78) n-propylbenzene	12.81	91	2014926	61.41	ug/l	99
79) 2-Chlorotoluene	12.90	91	1109300	57.95	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1404813	59.77	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	73341	61.01	ug/l	98
82) 4-Chlorotoluene	12.99	91	1162677	57.52	ug/l	100
83) tert-Butylbenzene	13.21	119	1205686	61.42	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1415769	59.14	ug/l	99
85) sec-Butylbenzene	13.39	105	1774967	61.53	ug/l	99
86) p-Isopropyltoluene	13.51	119	1573791	61.63	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	764204	55.55	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	745604	54.64	ug/l	99
89) n-Butylbenzene	13.83	91	1516420	64.08	ug/l	99
90) Hexachloroethane	14.10	117	241361	56.90	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	666550	55.59	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	37360	57.78	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	471386	58.63	ug/l	100
94) Hexachlorobutadiene	15.25	225	302915	60.58	ug/l	99
95) Naphthalene	15.38	128	760875	54.37	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	397948	57.84	ug/l	100

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

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