

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101118\
 Data File : VW005999.D
 Acq On : 10 Oct 2018 20:48
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 10/11/2018 2:21:08 PM

Quant Time: Oct 11 05:50:49 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	216039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	324315	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	172741	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105740	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
35) Dibromofluoromethane	7.88	113	105327	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
50) Toluene-d8	10.33	98	404733	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	12.62	95	152139	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	55243	52.181	ug/l	94
3) Chloromethane	2.21	50	70487	56.603	ug/l	100
4) Vinyl Chloride	2.37	62	107871	54.563	ug/l	96
5) Bromomethane	2.78	94	101733	65.202	ug/l	98
6) Chloroethane	2.93	64	76262	60.546	ug/l	96
7) Trichlorofluoromethane	3.26	101	84702	53.974	ug/l	99
8) Diethyl Ether	3.68	74	54517	56.447	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	99542	50.262	ug/l	99
10) Methyl Iodide	4.27	142	169488	52.330	ug/l	100
11) Tert butyl alcohol	5.20	59	36465	237.242	ug/l	97
12) 1,1-Dichloroethene	4.04	96	94116	49.488	ug/l	97
13) Acrolein	3.89	56	32036	233.888	ug/l	95
14) Allyl chloride	4.67	41	139255	42.938	ug/l	97
15) Acrylonitrile	5.37	53	112346	267.287	ug/l	99
16) Acetone	4.13	43	88704	211.749	ug/l	99
17) Carbon Disulfide	4.38	76	267349	46.498	ug/l	99
18) Methyl Acetate	4.67	43	59134	55.938	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	154956	52.372	ug/l	99
20) Methylene Chloride	4.91	84	122872	58.544	ug/l	91
21) trans-1,2-Dichloroethene	5.42	96	108734	52.457	ug/l	97
22) Diisopropyl ether	6.31	45	293026	48.332	ug/l	97
23) Vinyl Acetate	6.26	43	907310	243.145	ug/l	97
24) 1,1-Dichloroethane	6.21	63	185632	50.033	ug/l	100
25) 2-Butanone	7.18	43	149220	250.441	ug/l	95
26) 2,2-Dichloropropane	7.16	77	106463	40.773	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	124848	53.259	ug/l	94
28) Bromochloromethane	7.51	49	67075	48.978	ug/l	91
29) Tetrahydrofuran	7.53	42	98926	262.647	ug/l	95
30) Chloroform	7.68	83	200240	52.544	ug/l	100
31) Cyclohexane	7.96	56	161691	44.038	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	164806	48.561	ug/l	99
36) 1,1-Dichloropropene	8.08	75	153882	49.519	ug/l	99
37) Ethyl Acetate	7.26	43	64643	49.122	ug/l	98
38) Carbon Tetrachloride	8.07	117	159049	47.638	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	197619	48.214	ug/l	97
40) Benzene	8.32	78	438271	51.529	ug/l	99
41) Methacrylonitrile	7.49	41	38851	47.156	ug/l	91
42) 1,2-Dichloroethane	8.40	62	132911	51.725	ug/l	99
43) Isopropyl Acetate	8.43	43	134889	49.069	ug/l	97
44) Trichloroethene	9.09	130	130682	52.956	ug/l	98
45) 1,2-Dichloropropane	9.37	63	106417	49.985	ug/l	98
46) Dibromomethane	9.46	93	63293	54.092	ug/l	98
47) Bromodichloromethane	9.65	83	148338	50.379	ug/l	97
48) Methyl methacrylate	9.44	41	63794	48.716	ug/l	92
49) 1,4-Dioxane	9.46	88	20426	1149.255	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	349484	261.075	ug/l	97
52) Toluene	10.39	92	287342	51.425	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	148680	48.319	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	168526	48.722	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	89212	55.046	ug/l	99
56) Ethyl methacrylate	10.65	69	114553	52.443	ug/l	96
57) 1,3-Dichloropropane	10.93	76	147154	53.973	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	228114	256.655	ug/l	97
59) 2-Hexanone	10.97	43	241975	252.103	ug/l	96
60) Dibromochloromethane	11.13	129	108925	52.083	ug/l	100
61) 1,2-Dibromoethane	11.24	107	90167	55.676	ug/l	99
64) Tetrachloroethene	10.87	164	119488	53.425	ug/l	98
65) Chlorobenzene	11.66	112	336238	52.280	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	121000	51.328	ug/l	100
67) Ethyl Benzene	11.73	91	573004	50.441	ug/l	99
68) m/p-Xylenes	11.84	106	456500	102.829	ug/l	98
69) o-Xylene	12.17	106	220608	51.907	ug/l	98
70) Styrene	12.18	104	371558	52.691	ug/l	99
71) Bromoform	12.35	173	70883	50.479	ug/l #	100
73) Isopropylbenzene	12.47	105	608171	48.208	ug/l	100
74) N-amyl acetate	12.27	43	137927	46.035	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	107312	51.898	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	80921m	52.442	ug/l	
77) Bromobenzene	12.75	156	154838	51.805	ug/l	95
78) n-propylbenzene	12.81	91	713206	48.059	ug/l	99
79) 2-Chlorotoluene	12.90	91	406822	48.562	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	519739	48.798	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	30344	41.515	ug/l	96
82) 4-Chlorotoluene	12.99	91	440726	50.003	ug/l	98
83) tert-Butylbenzene	13.21	119	466937	49.291	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	536458	49.933	ug/l	99
85) sec-Butylbenzene	13.39	105	657342	49.435	ug/l	100
86) p-Isopropyltoluene	13.51	119	597685	49.982	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	310804	52.342	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	310754	52.665	ug/l	99
89) n-Butylbenzene	13.83	91	548100	48.626	ug/l	100
90) Hexachloroethane	14.10	117	100553	44.710	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	280562	53.219	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18195	47.217	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	210062	51.389	ug/l	100
94) Hexachlorobutadiene	15.24	225	123079	48.239	ug/l	100
95) Naphthalene	15.38	128	379280	53.830	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	185712	52.470	ug/l	100

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

