

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092618\
 Data File : VW005680.D
 Acq On : 27 Sep 2018 04:02
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 9/27/2018 10:33:57 AM

Quant Time: Sep 27 07:55:47 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	240911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	364873	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	361876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	190547	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	140347	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
35) Dibromofluoromethane	7.89	113	123263	53.72	ug/l	0.00
Spiked Amount			Recovery	=	107.44%	
50) Toluene-d8	10.33	98	524038	56.09	ug/l	0.00
Spiked Amount			Recovery	=	112.18%	
62) 4-Bromofluorobenzene	12.62	95	196968	56.97	ug/l	0.00
Spiked Amount			Recovery	=	113.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	76854	53.255	ug/l	97
3) Chloromethane	2.21	50	94136	48.609	ug/l	96
4) Vinyl Chloride	2.37	62	141258	61.022	ug/l	100
5) Bromomethane	2.78	94	84382	53.940	ug/l	96
6) Chloroethane	2.93	64	80733	54.352	ug/l	97
7) Trichlorofluoromethane	3.26	101	82555	45.598	ug/l	99
8) Diethyl Ether	3.68	74	70141	59.307	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	130276	56.844	ug/l	97
10) Methyl Iodide	4.27	142	211752	60.079	ug/l	96
11) Tert butyl alcohol	5.21	59	45872	313.642	ug/l	100
12) 1,1-Dichloroethene	4.04	96	130109	59.299	ug/l	96
13) Acrolein	3.90	56	25077	256.407	ug/l	97
14) Allyl chloride	4.67	41	222416	58.085	ug/l	99
15) Acrylonitrile	5.37	53	156906	298.813	ug/l	99
16) Acetone	4.14	43	128182	288.755	ug/l	93
17) Carbon Disulfide	4.38	76	417107	60.844	ug/l	99
18) Methyl Acetate	4.68	43	77748	57.799	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	202678	59.847	ug/l	98
20) Methylene Chloride	4.91	84	156110	67.120	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	142870	59.451	ug/l	98
22) Diisopropyl ether	6.31	45	414561	55.771	ug/l	98
23) Vinyl Acetate	6.26	43	1199171	282.247	ug/l	98
24) 1,1-Dichloroethane	6.22	63	247268	53.841	ug/l	100
25) 2-Butanone	7.18	43	185974	269.797	ug/l	99
26) 2,2-Dichloropropane	7.17	77	145187	45.283	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	150613	56.822	ug/l	97
28) Bromochloromethane	7.51	49	89223	49.046	ug/l	99
29) Tetrahydrofuran	7.54	42	123255	286.216	ug/l	98
30) Chloroform	7.68	83	264114	55.704	ug/l	96
31) Cyclohexane	7.95	56	234613	53.321	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	220379	52.615	ug/l	99
36) 1,1-Dichloropropene	8.09	75	206561	56.237	ug/l	99
37) Ethyl Acetate	7.26	43	85322	55.200	ug/l	98
38) Carbon Tetrachloride	8.07	117	207335	52.677	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	246234	56.821	ug/l	98
40) Benzene	8.32	78	572286	54.990	ug/l	100
41) Methacrylonitrile	7.49	41	57238	65.074	ug/l	94
42) 1,2-Dichloroethane	8.40	62	180146	54.066	ug/l	98
43) Isopropyl Acetate	8.43	43	170168	55.994	ug/l	99
44) Trichloroethene	9.10	130	146314	54.926	ug/l	98
45) 1,2-Dichloropropane	9.37	63	139643	54.541	ug/l	97
46) Dibromomethane	9.46	93	70600	55.188	ug/l	98
47) Bromodichloromethane	9.65	83	183656	53.443	ug/l	98
48) Methyl methacrylate	9.44	41	83335	57.734	ug/l	95
49) 1,4-Dioxane	9.48	88	23907	1175.441	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	488642	319.243	ug/l	100
52) Toluene	10.39	92	393648	60.621	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	201336	58.443	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	227235	58.871	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	109956	60.552	ug/l	99
56) Ethyl methacrylate	10.65	69	146796	65.486	ug/l	97
57) 1,3-Dichloropropane	10.94	76	194991	60.587	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	279175	274.738	ug/l	100
59) 2-Hexanone	10.98	43	322514	310.171	ug/l	96
60) Dibromochloromethane	11.13	129	130743	59.589	ug/l	99
61) 1,2-Dibromoethane	11.24	107	102160	60.340	ug/l	97
64) Tetrachloroethene	10.87	164	152641	59.431	ug/l	98
65) Chlorobenzene	11.66	112	425297	55.361	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	143980	52.074	ug/l	95
67) Ethyl Benzene	11.73	91	750014	55.003	ug/l	97
68) m/p-Xylenes	11.85	106	584138	113.387	ug/l	99
69) o-Xylene	12.17	106	277543	57.524	ug/l	99
70) Styrene	12.19	104	469333	57.803	ug/l	99
71) Bromoform	12.35	173	82612	56.289	ug/l #	99
73) Isopropylbenzene	12.47	105	782703	59.233	ug/l	100
74) N-amyl acetate	12.28	43	183264	61.248	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	127553	58.114	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	85918m	52.896	ug/l	
77) Bromobenzene	12.75	156	176199	56.892	ug/l	99
78) n-propylbenzene	12.81	91	931210	58.208	ug/l	99
79) 2-Chlorotoluene	12.90	91	531511	57.425	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	670305	58.338	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	40945	56.776	ug/l	94
82) 4-Chlorotoluene	12.99	91	561808	57.448	ug/l	99
83) tert-Butylbenzene	13.21	119	568585	58.902	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	653624	56.371	ug/l	96
85) sec-Butylbenzene	13.39	105	795026	56.787	ug/l	99
86) p-Isopropyltoluene	13.51	119	713428	56.853	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	346727	54.751	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	336331	53.400	ug/l	99
89) n-Butylbenzene	13.83	91	681752	57.599	ug/l	99
90) Hexachloroethane	14.10	117	129320	56.859	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	313147	56.015	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22876	54.704	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	228149	57.209	ug/l	100
94) Hexachlorobutadiene	15.24	225	140605	54.422	ug/l	99
95) Naphthalene	15.38	128	423773	63.174	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	205556	58.488	ug/l	99

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

