

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071620\
 Data File : VW015866.D
 Acq On : 16 Jul 2020 16:54
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 16 18:14:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	261720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	417355	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	387146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	186606	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	126172	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
35) Dibromofluoromethane	7.89	113	115884	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
50) Toluene-d8	10.32	98	445619	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
62) 4-Bromofluorobenzene	12.62	95	166153	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	61279	44.458	ug/l	98
3) Chloromethane	2.21	50	85283	45.559	ug/l	97
4) Vinyl Chloride	2.37	62	140853	48.734	ug/l	99
5) Bromomethane	2.78	94	92756	41.942	ug/l	97
6) Chloroethane	2.93	64	92780	47.566	ug/l	98
7) Trichlorofluoromethane	3.26	101	112089	53.963	ug/l	99
8) Diethyl Ether	3.68	74	64589	49.906	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	125012	51.413	ug/l	98
10) Methyl Iodide	4.27	142	183868	54.084	ug/l	99
11) Tert butyl alcohol	5.18	59	38827	276.798	ug/l	99
12) 1,1-Dichloroethene	4.04	96	125355	52.435	ug/l	98
13) Acrolein	3.89	56	44581	238.453	ug/l	100
14) Allyl chloride	4.67	41	205971	53.008	ug/l	97
15) Acrylonitrile	5.37	53	136090	268.942	ug/l	99
16) Acetone	4.12	43	120922	239.795	ug/l	99
17) Carbon Disulfide	4.38	76	368558	51.825	ug/l	99
18) Methyl Acetate	4.67	43	60112	52.381	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	186820	52.213	ug/l	98
20) Methylene Chloride	4.92	84	162551	64.032	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	141616	51.143	ug/l	98
22) Diisopropyl ether	6.32	45	414719	52.964	ug/l	99
23) Vinyl Acetate	6.26	43	1229424	263.976	ug/l	100
24) 1,1-Dichloroethane	6.22	63	253668	51.168	ug/l	100
25) 2-Butanone	7.18	43	177352	259.099	ug/l	99
26) 2,2-Dichloropropane	7.17	77	163870	52.689	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	151714	51.027	ug/l	97
28) Bromochloromethane	7.52	49	95412	48.547	ug/l	99
29) Tetrahydrofuran	7.53	42	114676	276.080	ug/l	100
30) Chloroform	7.68	83	256374	50.589	ug/l	100
31) Cyclohexane	7.96	56	234076	50.169	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	217296	51.135	ug/l	99
36) 1,1-Dichloropropene	8.09	75	209383	50.894	ug/l	100
37) Ethyl Acetate	7.26	43	82241	51.446	ug/l	99
38) Carbon Tetrachloride	8.07	117	199494	50.112	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	255201	52.568	ug/l	100
40) Benzene	8.32	78	569446	50.529	ug/l	100
41) Methacrylonitrile	7.49	41	49351	54.378	ug/l	96
42) 1,2-Dichloroethane	8.40	62	170605	48.640	ug/l	98
43) Isopropyl Acetate	8.43	43	157847	50.586	ug/l	100
44) Trichloroethene	9.09	130	149682	50.215	ug/l	92
45) 1,2-Dichloropropane	9.37	63	140102	50.577	ug/l	99
46) Dibromomethane	9.46	93	70762	49.618	ug/l	99
47) Bromodichloromethane	9.65	83	186883	50.663	ug/l	100
48) Methyl methacrylate	9.44	41	75769	52.984	ug/l	97
49) 1,4-Dioxane	9.45	88	20147	1142.659	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	403766	265.171	ug/l	99
52) Toluene	10.39	92	368256	50.778	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	185038	52.281	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	219578	51.864	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	99834	50.484	ug/l	99
56) Ethyl methacrylate	10.65	69	129765	53.374	ug/l	98
57) 1,3-Dichloropropane	10.93	76	178353	50.948	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	318245	267.896	ug/l	99
59) 2-Hexanone	10.97	43	275184	270.809	ug/l	98
60) Dibromochloromethane	11.13	129	117243	51.335	ug/l	98
61) 1,2-Dibromoethane	11.24	107	96036	50.754	ug/l	98
64) Tetrachloroethene	10.87	164	121722	49.682	ug/l	95
65) Chlorobenzene	11.66	112	374408	49.452	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	132919	49.611	ug/l	99
67) Ethyl Benzene	11.73	91	713320	50.876	ug/l	98
68) m/p-Xylenes	11.84	106	528524	100.350	ug/l	100
69) o-Xylene	12.17	106	242019	50.341	ug/l	98
70) Styrene	12.18	104	430442	52.035	ug/l	99
71) Bromoform	12.35	173	63752	52.131	ug/l #	98
73) Isopropylbenzene	12.46	105	688012	52.335	ug/l	100
74) N-amyl acetate	12.27	43	151216	53.764	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	114732	52.524	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	81656m	49.790	ug/l	
77) Bromobenzene	12.75	156	149054	50.565	ug/l	99
78) n-propylbenzene	12.80	91	834307	52.285	ug/l	100
79) 2-Chlorotoluene	12.89	91	472248	51.897	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	581832	51.928	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	35046	48.571	ug/l	99
82) 4-Chlorotoluene	12.99	91	484425	50.979	ug/l	100
83) tert-Butylbenzene	13.21	119	488389	52.504	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	580123	51.845	ug/l	100
85) sec-Butylbenzene	13.38	105	704218	52.421	ug/l	100
86) p-Isopropyltoluene	13.50	119	632599	51.568	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	292626	49.523	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	284487	49.180	ug/l	99
89) n-Butylbenzene	13.82	91	611314	52.074	ug/l	100
90) Hexachloroethane	14.10	117	113488	51.041	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	253507	49.520	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	18682	53.528	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	167382	51.862	ug/l	98
94) Hexachlorobutadiene	15.24	225	97801	47.727	ug/l	98
95) Naphthalene	15.37	128	297022	49.311	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	139157	50.671	ug/l	98

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

