

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081420\
 Data File : VW016188.D
 Acq On : 14 Aug 2020 13:18
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081420

Manual Integrations
 APPROVED

MMDadoda
 8/17/2020 5:46:33 PM

Quant Time: Aug 17 08:26:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	266202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	435204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	394861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	186415	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	130089	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
35) Dibromofluoromethane	7.88	113	136001	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
50) Toluene-d8	10.32	98	528348	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.62	95	187029	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	99248	54.824	ug/l	95
3) Chloromethane	2.21	50	98859	51.291	ug/l	96
4) Vinyl Chloride	2.37	62	132446	49.095	ug/l	94
5) Bromomethane	2.78	94	85271	50.836	ug/l	94
6) Chloroethane	2.93	64	78325	51.411	ug/l	94
7) Trichlorofluoromethane	3.26	101	107723	49.323	ug/l	98
8) Diethyl Ether	3.68	74	71447	52.131	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	141439	49.387	ug/l	99
10) Methyl Iodide	4.26	142	203702	49.227	ug/l	100
11) Tert butyl alcohol	5.21	59	36189	261.932	ug/l	98
12) 1,1-Dichloroethene	4.03	96	145348	49.872	ug/l	97
13) Acrolein	3.89	56	49194	246.491	ug/l	99
14) Allyl chloride	4.66	41	203981	52.238	ug/l	99
15) Acrylonitrile	5.37	53	143445	277.768	ug/l	100
16) Acetone	4.14	43	140804	283.130	ug/l	96
17) Carbon Disulfide	4.37	76	425735	49.751	ug/l	99
18) Methyl Acetate	4.68	43	59841	51.673	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	197509	55.038	ug/l	99
20) Methylene Chloride	4.91	84	165808	54.076	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	158625	49.981	ug/l	96
22) Diisopropyl ether	6.31	45	386028	52.439	ug/l	98
23) Vinyl Acetate	6.26	43	1192928	283.007	ug/l	100
24) 1,1-Dichloroethane	6.21	63	252773	49.197	ug/l	99
25) 2-Butanone	7.18	43	184589	276.958	ug/l	95
26) 2,2-Dichloropropane	7.17	77	158171	47.658	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	166316	50.770	ug/l	99
28) Bromochloromethane	7.51	49	99390	50.987	ug/l	99
29) Tetrahydrofuran	7.54	42	113938	285.987	ug/l	99
30) Chloroform	7.68	83	260280	48.756	ug/l	97
31) Cyclohexane	7.96	56	228594	48.251	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	221086	49.294	ug/l	100
36) 1,1-Dichloropropene	8.08	75	214063	49.929	ug/l	100
37) Ethyl Acetate	7.26	43	81955	55.753	ug/l	99
38) Carbon Tetrachloride	8.07	117	209027	48.855	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	274588	53.170	ug/l	97
40) Benzene	8.32	78	600546	49.792	ug/l	100
41) Methacrylonitrile	7.49	41	47419	56.523	ug/l	98
42) 1,2-Dichloroethane	8.40	62	161529	50.708	ug/l	100
43) Isopropyl Acetate	8.43	43	154982	56.041	ug/l	99
44) Trichloroethene	9.09	130	161513	47.282	ug/l	98
45) 1,2-Dichloropropane	9.37	63	141141	49.643	ug/l	99
46) Dibromomethane	9.46	93	78300	52.457	ug/l	99
47) Bromodichloromethane	9.65	83	195277	50.636	ug/l	99
48) Methyl methacrylate	9.43	41	77805	60.519	ug/l	96
49) 1,4-Dioxane	9.46	88	20625	1097.333	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	397911	284.486	ug/l	100
52) Toluene	10.39	92	392120	50.771	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	194451	54.456	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	233197	52.546	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	109373	51.067	ug/l	99
56) Ethyl methacrylate	10.65	69	140469	57.512	ug/l	99
57) 1,3-Dichloropropane	10.93	76	187188	51.369	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	313248	281.298	ug/l	100
59) 2-Hexanone	10.97	43	281194	293.871	ug/l	100
60) Dibromochloromethane	11.13	129	133086	52.235	ug/l	100
61) 1,2-Dibromoethane	11.24	107	107709	52.242	ug/l	99
64) Tetrachloroethene	10.86	164	128664	49.660	ug/l	91
65) Chlorobenzene	11.66	112	408204	50.438	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	140868	49.796	ug/l	99
67) Ethyl Benzene	11.73	91	743818	51.138	ug/l	100
68) m/p-Xylenes	11.84	106	567241	101.461	ug/l	99
69) o-Xylene	12.17	106	262536	52.709	ug/l	99
70) Styrene	12.18	104	457135	53.039	ug/l	100
71) Bromoform	12.35	173	70705	55.847	ug/l #	99
73) Isopropylbenzene	12.46	105	736021	51.813	ug/l	99
74) N-amyl acetate	12.27	43	145329	57.127	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	123232	51.844	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	84067m	49.036	ug/l	
77) Bromobenzene	12.75	156	159852	50.876	ug/l	98
78) n-propylbenzene	12.80	91	858425	50.627	ug/l	99
79) 2-Chlorotoluene	12.89	91	492584	50.290	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	617044	50.601	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	38776	54.252	ug/l	97
82) 4-Chlorotoluene	12.99	91	507868	49.806	ug/l	100
83) tert-Butylbenzene	13.21	119	522839	52.316	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	618511	51.257	ug/l	99
85) sec-Butylbenzene	13.38	105	739402	50.904	ug/l	99
86) p-Isopropyltoluene	13.50	119	682107	51.920	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	307232	48.826	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	310251	50.072	ug/l	98
89) n-Butylbenzene	13.82	91	648364	53.346	ug/l	99
90) Hexachloroethane	14.09	117	121388	49.510	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	284172	51.800	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19899	54.459	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	187125	57.200	ug/l	97
94) Hexachlorobutadiene	15.24	225	103884	53.411	ug/l	95
95) Naphthalene	15.37	128	360647	52.394	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	160383	57.087	ug/l	99

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

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