

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060220\
 Data File : VW015523.D
 Acq On : 02 Jun 2020 12:36
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/2/2020 4:00:18 PM

Quant Time: Jun 02 13:29:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060220S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 02 12:43:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	229648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	366851	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	337289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	170625	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	124603	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
35) Dibromofluoromethane	7.88	113	108586	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
50) Toluene-d8	10.32	98	433110	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.62	95	161671	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	69130	51.937	ug/l	100
3) Chloromethane	2.21	50	75953	45.907	ug/l	100
4) Vinyl Chloride	2.37	62	126479	50.269	ug/l	100
5) Bromomethane	2.78	94	88052	44.780	ug/l	100
6) Chloroethane	2.93	64	82998	47.908	ug/l	100
7) Trichlorofluoromethane	3.26	101	97982	52.724	ug/l	100
8) Diethyl Ether	3.68	74	59939	51.191	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	113703	52.464	ug/l	100
10) Methyl Iodide	4.27	142	170906	52.156	ug/l	100
11) Tert butyl alcohol	5.17	59	46923	305.547	ug/l	100
12) 1,1-Dichloroethene	4.04	96	114406	51.172	ug/l	100
13) Acrolein	3.89	56	38282	212.383	ug/l	100
14) Allyl chloride	4.67	41	197752	50.534	ug/l	100
15) Acrylonitrile	5.37	53	134045	278.875	ug/l	100
16) Acetone	4.12	43	164365	375.038	ug/l	100
17) Carbon Disulfide	4.38	76	345384	50.615	ug/l	100
18) Methyl Acetate	4.67	43	58894	54.929	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	194162	53.532	ug/l	100
20) Methylene Chloride	4.92	84	126382	48.676	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	132439	52.048	ug/l	100
22) Diisopropyl ether	6.32	45	389730	50.990	ug/l	100
23) Vinyl Acetate	6.26	43	1221294	261.540	ug/l	100
24) 1,1-Dichloroethane	6.21	63	236922	51.607	ug/l	100
25) 2-Butanone	7.17	43	197538	307.246	ug/l	100
26) 2,2-Dichloropropane	7.17	77	157891	51.702	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	146482	52.859	ug/l	100
28) Bromochloromethane	7.51	49	87902	48.218	ug/l	100
29) Tetrahydrofuran	7.53	42	113253	275.637	ug/l	100
30) Chloroform	7.68	83	238321	52.128	ug/l	100
31) Cyclohexane	7.96	56	216565	46.989	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	203368	52.974	ug/l	100
36) 1,1-Dichloropropene	8.09	75	192372	52.838	ug/l	100
37) Ethyl Acetate	7.26	43	81699	56.984	ug/l	100
38) Carbon Tetrachloride	8.07	117	193439	56.162	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	241583	52.398	ug/l	100
40) Benzene	8.32	78	527398	52.894	ug/l	100
41) Methacrylonitrile	7.49	41	50193	54.892	ug/l	100
42) 1,2-Dichloroethane	8.40	62	166342	54.457	ug/l	100
43) Isopropyl Acetate	8.43	43	165987	55.007	ug/l	100
44) Trichloroethene	9.09	130	139619	53.946	ug/l	100
45) 1,2-Dichloropropane	9.37	63	130392	52.910	ug/l	100
46) Dibromomethane	9.46	93	69288	55.843	ug/l	100
47) Bromodichloromethane	9.65	83	182601	54.472	ug/l	100
48) Methyl methacrylate	9.44	41	77038	55.520	ug/l	100
49) 1,4-Dioxane	9.44	88	21176	1318.450	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	398660	281.531	ug/l	100
52) Toluene	10.39	92	342386	52.961	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	187806	54.849	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	214606	53.509	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	96581	55.168	ug/l	100
56) Ethyl methacrylate	10.65	69	130730	54.671	ug/l	100
57) 1,3-Dichloropropane	10.93	76	170253	54.323	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	284809	250.213	ug/l	100
59) 2-Hexanone	10.97	43	287879	297.138	ug/l	100
60) Dibromochloromethane	11.13	129	119222	56.509	ug/l	100
61) 1,2-Dibromoethane	11.24	107	93765	56.502	ug/l	100
64) Tetrachloroethene	10.87	164	113999	54.429	ug/l	100
65) Chlorobenzene	11.66	112	360560	53.469	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	129381	54.000	ug/l	100
67) Ethyl Benzene	11.73	91	680100	52.804	ug/l	100
68) m/p-Xylenes	11.84	106	513532	107.098	ug/l	100
69) o-Xylene	12.16	106	241869	53.761	ug/l	100
70) Styrene	12.18	104	416872	53.823	ug/l	100
71) Bromoform	12.35	173	67019	57.118	ug/l #	100
73) Isopropylbenzene	12.46	105	680132	52.681	ug/l	100
74) N-amyl acetate	12.27	43	159586	52.174	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	112174	54.995	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	80438m	57.257	ug/l	
77) Bromobenzene	12.75	156	149445	54.240	ug/l	100
78) n-propylbenzene	12.80	91	813839	52.614	ug/l	100
79) 2-Chlorotoluene	12.89	91	463279	53.074	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	572151	52.751	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	38995	53.964	ug/l	100
82) 4-Chlorotoluene	12.99	91	480640	52.137	ug/l	100
83) tert-Butylbenzene	13.21	119	487410	52.668	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	577952	53.230	ug/l	100
85) sec-Butylbenzene	13.38	105	693774	53.208	ug/l	100
86) p-Isopropyltoluene	13.50	119	635093	53.409	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	293413	53.860	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	295141	54.482	ug/l	100
89) n-Butylbenzene	13.82	91	608911	52.582	ug/l	100
90) Hexachloroethane	14.09	117	116067	52.864	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	260052	54.612	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19578	54.936	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	175922	55.015	ug/l	100
94) Hexachlorobutadiene	15.24	225	104611	55.243	ug/l	100
95) Naphthalene	15.37	128	322981	56.285	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	151769	55.116	ug/l	100

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

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