

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015217.D
 Acq On : 20 Apr 2020 12:31
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 4/21/2020 10:01:11 AM

Quant Time: Apr 20 13:54:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 13:45:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	223643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	315262	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	153704	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	17502	8.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	16.56%	
35) Dibromofluoromethane	7.88	113	16315	9.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.72%	
50) Toluene-d8	10.32	98	71969	10.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.32%	
62) 4-Bromofluorobenzene	12.62	95	26633	10.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.48%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	18643	14.765	ug/l 94
3) Chloromethane	2.21	50	20782	10.530	ug/l 99
4) Vinyl Chloride	2.36	62	23934	10.299	ug/l 98
5) Bromomethane	2.77	94	16681	13.634	ug/l 90
6) Chloroethane	2.92	64	15175	13.237	ug/l 97
7) Trichlorofluoromethane	3.26	101	33154	22.263	ug/l 98
8) Diethyl Ether	3.68	74	9248	8.056	ug/l 90
9) 1,1,2-Trichlorotrifluoroet	4.07	101	20392	9.011	ug/l 92
10) Methyl Iodide	4.28	142	18496	5.473	ug/l 98
11) Tert butyl alcohol	5.17	59	8416	53.610	ug/l # 81
12) 1,1-Dichloroethene	4.04	96	19825	8.506	ug/l 92
13) Acrolein	3.90	56	4121	25.250	ug/l 93
14) Allyl chloride	4.68	41	25696	7.453	ug/l 88
15) Acrylonitrile	5.37	53	17962	37.280	ug/l 97
16) Acetone	4.13	43	17210	45.692	ug/l 95
17) Carbon Disulfide	4.39	76	58036	8.181	ug/l 99
18) Methyl Acetate	4.68	43	8444	7.331	ug/l 96
19) Methyl tert-butyl Ether	5.43	73	44413	14.550	ug/l 96
20) Methylene Chloride	4.92	84	22602	8.665	ug/l 92
21) trans-1,2-Dichloroethene	5.43	96	21805	8.867	ug/l 96
22) Diisopropyl ether	6.32	45	48250	6.939	ug/l # 90
23) Vinyl Acetate	6.26	43	145141	35.941	ug/l 97
24) 1,1-Dichloroethane	6.22	63	33154	8.019	ug/l 96
25) 2-Butanone	7.17	43	22195	36.824	ug/l # 89
26) 2,2-Dichloropropane	7.17	77	36356	13.213	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	22972	8.665	ug/l 99
28) Bromochloromethane	7.51	49	11880	6.876	ug/l # 79
29) Tetrahydrofuran	7.54	42	13833	35.012	ug/l 91
30) Chloroform	7.68	83	35877	8.859	ug/l 100
31) Cyclohexane	7.95	56	36118	8.173	ug/l # 91
32) 1,1,1-Trichloroethane	7.87	97	35956	10.540	ug/l 98
36) 1,1-Dichloropropene	8.09	75	29189	10.364	ug/l 97
37) Ethyl Acetate	7.25	43	10392	8.866	ug/l # 93
38) Carbon Tetrachloride	8.07	117	31541	12.181	ug/l 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	39729	10.497	ug/l	95
40) Benzene	8.32	78	76841	9.608	ug/l	96
41) Methacrylonitrile	7.49	41	5328	7.682	ug/l #	83
42) 1,2-Dichloroethane	8.40	62	22730	11.199	ug/l	99
43) Isopropyl Acetate	8.43	43	20728	9.049	ug/l	96
44) Trichloroethene	9.09	130	24142	11.489	ug/l	96
45) 1,2-Dichloropropane	9.37	63	18335	9.318	ug/l	96
46) Dibromomethane	9.46	93	10594	10.774	ug/l	90
47) Bromodichloromethane	9.65	83	27734	10.878	ug/l	97
48) Methyl methacrylate	9.43	41	9805	9.151	ug/l	92
49) 1,4-Dioxane	9.45	88	2908	186.402	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	48169	39.759	ug/l	95
52) Toluene	10.39	92	54311	10.610	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	26674	10.283	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	31657	10.116	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	14892	10.688	ug/l	94
56) Ethyl methacrylate	10.65	69	19130	9.963	ug/l	92
57) 1,3-Dichloropropane	10.93	76	24276	9.913	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	42334	44.550	ug/l	91
59) 2-Hexanone	10.97	43	35020	46.057	ug/l	98
60) Dibromochloromethane	11.13	129	18858	11.343	ug/l	97
61) 1,2-Dibromoethane	11.24	107	14050	10.463	ug/l	95
64) Tetrachloroethene	10.86	164	21612	12.473	ug/l	90
65) Chlorobenzene	11.66	112	58973	10.625	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	20873	10.881	ug/l	97
67) Ethyl Benzene	11.73	91	109509	10.451	ug/l	100
68) m/p-Xylenes	11.84	106	85580	21.522	ug/l	99
69) o-Xylene	12.16	106	39280	10.539	ug/l	100
70) Styrene	12.18	104	66662	10.588	ug/l	100
71) Bromoform	12.35	173	11651	12.229	ug/l #	92
73) Isopropylbenzene	12.46	105	110839	9.670	ug/l	100
74) N-amyl acetate	12.27	43	19713	7.398	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.71	83	16340	8.508	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	12620m	9.591	ug/l	
77) Bromobenzene	12.74	156	24597	10.358	ug/l	87
78) n-propylbenzene	12.80	91	128809	9.318	ug/l	97
79) 2-Chlorotoluene	12.89	91	72171	9.444	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	92724	9.607	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	5761	8.471	ug/l	92
82) 4-Chlorotoluene	12.99	91	75769	9.385	ug/l	97
83) tert-Butylbenzene	13.21	119	82917	9.908	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	90393	9.423	ug/l	99
85) sec-Butylbenzene	13.38	105	113952	9.581	ug/l	97
86) p-Isopropyltoluene	13.50	119	105144	9.907	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	50065	10.582	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	48568	10.347	ug/l	98
89) n-Butylbenzene	13.82	91	95049	9.059	ug/l	98
90) Hexachloroethane	14.09	117	18869	9.247	ug/l	75
91) 1,2-Dichlorobenzene	13.87	146	43384	10.314	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.48	75	3086	9.924	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	29406	10.595	ug/l	98
94) Hexachlorobutadiene	15.24	225	20321	12.690	ug/l	99
95) Naphthalene	15.36	128	48234	9.033	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	24518	10.293	ug/l	98

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

