

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050620\
 Data File : VW015397.D
 Acq On : 05 May 2020 16:17
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 5/6/2020 12:11:48 PM

Quant Time: May 05 18:34:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:21:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	351199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	150475	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	12315	6.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	13.48%	
35) Dibromofluoromethane	7.89	113	10596	5.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.84%	
50) Toluene-d8	10.32	98	43563	5.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.62%	
62) 4-Bromofluorobenzene	12.62	95	15672	5.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.08%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.02	85	5609	3.501	ug/l 95
3) Chloromethane	2.21	50	8097	4.604	ug/l 93
4) Vinyl Chloride	2.36	62	11488	5.269	ug/l 97
5) Bromomethane	2.78	94	9532	6.136	ug/l 90
6) Chloroethane	2.93	64	8326	6.053	ug/l 92
7) Trichlorofluoromethane	3.26	101	8172	2.870	ug/l 98
8) Diethyl Ether	3.68	74	5369	6.063	ug/l 85
9) 1,1,2-Trichlorotrifluoroet	4.06	101	9903	5.194	ug/l 100
10) Methyl Iodide	4.27	142	14883	7.065	ug/l 97
11) Tert butyl alcohol	5.24	59	3551m	24.875	ug/l
12) 1,1-Dichloroethene	4.04	96	10302	5.543	ug/l 97
13) Acrolein	3.90	56	4189	45.844	ug/l 88
14) Allyl chloride	4.67	41	17797	6.858	ug/l 98
15) Acrylonitrile	5.38	53	10089	29.214	ug/l 98
16) Acetone	4.14	43	9398	30.130	ug/l 98
17) Carbon Disulfide	4.38	76	30928	5.594	ug/l 98
18) Methyl Acetate	4.68	43	4847	5.829	ug/l 98
19) Methyl tert-butyl Ether	5.43	73	16537	4.113	ug/l 94
20) Methylene Chloride	4.92	84	14833	7.331	ug/l 98
21) trans-1,2-Dichloroethene	5.43	96	11855	5.637	ug/l 95
22) Diisopropyl ether	6.31	45	33878	6.766	ug/l 95
23) Vinyl Acetate	6.26	43	100082	33.754	ug/l 100
24) 1,1-Dichloroethane	6.21	63	20899	6.207	ug/l 98
25) 2-Butanone	7.18	43	14053	32.708	ug/l 97
26) 2,2-Dichloropropane	7.17	77	15052	4.584	ug/l 98
27) cis-1,2-Dichloroethene	7.17	96	12355	5.431	ug/l 96
28) Bromochloromethane	7.51	49	8248	6.645	ug/l 96
29) Tetrahydrofuran	7.54	42	8766	32.264	ug/l 100
30) Chloroform	7.68	83	21034	5.886	ug/l 96
31) Cyclohexane	7.95	56	24970	7.360	ug/l # 79
32) 1,1,1-Trichloroethane	7.87	97	17498	5.170	ug/l 98
36) 1,1-Dichloropropene	8.08	75	17304	5.344	ug/l 99
37) Ethyl Acetate	7.25	43	6450	5.898	ug/l 99
38) Carbon Tetrachloride	8.07	117	15947	4.608	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	22029	5.155	ug/l	97
40) Benzene	8.32	78	47169	5.458	ug/l	98
41) Methacrylonitrile	7.49	41	4232	6.422	ug/l	93
42) 1,2-Dichloroethane	8.40	62	14058	5.469	ug/l	99
43) Isopropyl Acetate	8.43	43	13674	6.017	ug/l	99
44) Trichloroethene	9.09	130	12014	4.657	ug/l	99
45) 1,2-Dichloropropane	9.37	63	11618	5.708	ug/l	100
46) Dibromomethane	9.46	93	5597	4.867	ug/l	97
47) Bromodichloromethane	9.65	83	14953	4.846	ug/l	94
48) Methyl methacrylate	9.44	41	5858	5.479	ug/l	90
49) 1,4-Dioxane	9.47	88	1429	94.143	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	30884	28.836	ug/l	99
52) Toluene	10.38	92	30016	5.017	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	14803	4.847	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	17917	5.033	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	8166	5.069	ug/l	98
56) Ethyl methacrylate	10.65	69	10507	5.002	ug/l	92
57) 1,3-Dichloropropane	10.93	76	14119	5.226	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	25441	26.029	ug/l	99
59) 2-Hexanone	10.97	43	20594	27.224	ug/l	99
60) Dibromochloromethane	11.13	129	9039	4.312	ug/l	98
61) 1,2-Dibromoethane	11.23	107	7399	4.726	ug/l	98
64) Tetrachloroethene	10.86	164	9747	4.428	ug/l	96
65) Chlorobenzene	11.65	112	30946	5.011	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	10851	4.896	ug/l	98
67) Ethyl Benzene	11.73	91	59684	5.162	ug/l	98
68) m/p-Xylenes	11.84	106	43779	9.760	ug/l	99
69) o-Xylene	12.16	106	20330	4.839	ug/l	99
70) Styrene	12.18	104	34116	4.756	ug/l	99
71) Bromoform	12.35	173	4856	3.951	ug/l #	98
73) Isopropylbenzene	12.46	105	56105	5.265	ug/l	99
74) N-amyl acetate	12.27	43	13300	6.797	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.71	83	8590	5.554	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	5940m	4.876	ug/l	
77) Bromobenzene	12.74	156	12203	5.080	ug/l	97
78) n-propylbenzene	12.80	91	69035	5.542	ug/l	99
79) 2-Chlorotoluene	12.89	91	39096	5.570	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	48528	5.309	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	2913	5.282	ug/l	98
82) 4-Chlorotoluene	12.99	91	40890	5.493	ug/l	99
83) tert-Butylbenzene	13.21	119	40699	5.107	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	48975	5.417	ug/l	100
85) sec-Butylbenzene	13.38	105	58402	5.287	ug/l	100
86) p-Isopropyltoluene	13.50	119	53054	5.198	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	24210	5.042	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	24491	5.201	ug/l	93
89) n-Butylbenzene	13.82	91	51334	5.423	ug/l	99
90) Hexachloroethane	14.10	117	9708	5.176	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	20732	4.996	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1511	5.472	ug/l	97

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93) 1,2,4-Trichlorobenzene	15.13	180	14158	4.934	ug/l	97
94) Hexachlorobutadiene	15.24	225	8363	4.417	ug/l	99
95) Naphthalene	15.36	128	23424	4.979	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	11985	5.100	ug/l	100

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

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