

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015807.D
 Acq On : 08 Jul 2020 14:18
 Operator : SY/VA
 Sample : L3126-01 2.5PPBLOD
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S1

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:47:34 AM

Quant Time: Jul 09 06:00:29 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	197489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	313371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	285445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134778	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	98781	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
35) Dibromofluoromethane	7.88	113	85729	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	
50) Toluene-d8	10.32	98	339477	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
62) 4-Bromofluorobenzene	12.62	95	122411	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	3170	3.048	ug/l	97
3) Chloromethane	2.21	50	5036	3.565	ug/l	96
4) Vinyl Chloride	2.36	62	6472	2.968	ug/l	99
5) Bromomethane	2.78	94	5042	3.021	ug/l	96
6) Chloroethane	2.93	64	4198	2.852	ug/l	99
7) Trichlorofluoromethane	3.26	101	4163	2.656	ug/l	94
8) Diethyl Ether	3.68	74	3161	3.237	ug/l	54
9) 1,1,2-Trichlorotrifluoroet	4.06	101	4918	2.680	ug/l	98
10) Methyl Iodide	4.28	142	6924	2.699	ug/l	99
11) Tert butyl alcohol	5.23	59	2148	18.915	ug/l #	84
12) 1,1-Dichloroethene	4.04	96	5142	2.850	ug/l	91
13) Acrolein	3.90	56	1785	12.653	ug/l	92
14) Allyl chloride	4.67	41	7953	2.712	ug/l	98
15) Acrylonitrile	5.38	53	5186	13.582	ug/l	99
16) Acetone	4.14	43	7299	19.182	ug/l #	87
17) Carbon Disulfide	4.38	76	14202	2.647	ug/l	97
18) Methyl Acetate	4.68	43	2937	3.392	ug/l #	80
19) Methyl tert-butyl Ether	5.43	73	7285	2.698	ug/l #	84
20) Methylene Chloride	4.92	84	22028	9.968	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	5740	2.747	ug/l	87
22) Diisopropyl ether	6.32	45	15068	2.550	ug/l	93
23) Vinyl Acetate	6.26	43	40764	11.599	ug/l	99
24) 1,1-Dichloroethane	6.22	63	10040	2.684	ug/l	100
25) 2-Butanone	7.18	43	7725	14.956	ug/l	94
26) 2,2-Dichloropropane	7.17	77	7777	3.314	ug/l	93
27) cis-1,2-Dichloroethene	7.17	96	6005	2.677	ug/l	88
28) Bromochloromethane	7.51	49	3974	2.680	ug/l #	98
29) Tetrahydrofuran	7.54	42	4089	13.046	ug/l	98
30) Chloroform	7.68	83	10387	2.716	ug/l	96
31) Cyclohexane	7.95	56	13334	3.787	ug/l #	62
32) 1,1,1-Trichloroethane	7.88	97	8538	2.663	ug/l	96
36) 1,1-Dichloropropene	8.09	75	8338	2.699	ug/l	98
37) Ethyl Acetate	7.26	43	3588	2.989	ug/l #	96
38) Carbon Tetrachloride	8.07	117	7722	2.583	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	9231	2.532	ug/l	94
40) Benzene	8.32	78	22823	2.697	ug/l	96
41) Methacrylonitrile	7.49	41	1477m	2.167	ug/l	
42) 1,2-Dichloroethane	8.40	62	7488	2.843	ug/l	100
43) Isopropyl Acetate	8.43	43	5864	2.503	ug/l	97
44) Trichloroethene	9.09	130	6102	2.726	ug/l	95
45) 1,2-Dichloropropane	9.37	63	5440	2.615	ug/l	100
46) Dibromomethane	9.46	93	2804	2.619	ug/l	97
47) Bromodichloromethane	9.65	83	6950	2.509	ug/l	100
48) Methyl methacrylate	9.44	41	2611	2.432	ug/l #	91
49) 1,4-Dioxane	9.48	88	703	53.102	ug/l #	70
51) 4-Methyl-2-Pentanone	10.21	43	14039	12.279	ug/l	97
52) Toluene	10.39	92	14593	2.680	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	6106	2.298	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	7520	2.366	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	3968	2.672	ug/l	95
56) Ethyl methacrylate	10.65	69	4064	2.226	ug/l	88
57) 1,3-Dichloropropane	10.93	76	6728	2.560	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	11205	12.562	ug/l	94
59) 2-Hexanone	10.98	43	9184	12.037	ug/l	94
60) Dibromochloromethane	11.13	129	4128	2.407	ug/l	94
61) 1,2-Dibromoethane	11.24	107	3481	2.450	ug/l	99
64) Tetrachloroethene	10.87	164	5352	2.963	ug/l	94
65) Chlorobenzene	11.66	112	15339	2.748	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	4981	2.521	ug/l	96
67) Ethyl Benzene	11.73	91	27617	2.672	ug/l	100
68) m/p-Xylenes	11.84	106	19133	4.927	ug/l	95
69) o-Xylene	12.17	106	8754	2.470	ug/l	97
70) Styrene	12.18	104	13939	2.285	ug/l	97
71) Bromoform	12.35	173	2046	2.269	ug/l #	95
73) Isopropylbenzene	12.46	105	23675	2.493	ug/l	99
74) N-amyl acetate	12.27	43	4658	2.293	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	4448	2.819	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	2633m	2.223	ug/l	
77) Bromobenzene	12.75	156	6182	2.904	ug/l	92
78) n-propylbenzene	12.80	91	31741	2.754	ug/l	98
79) 2-Chlorotoluene	12.90	91	17955	2.732	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	20924	2.586	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	982m	2.119	ug/l	
82) 4-Chlorotoluene	12.99	91	19076	2.779	ug/l	100
83) tert-Butylbenzene	13.21	119	16949	2.523	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	20519	2.539	ug/l	99
85) sec-Butylbenzene	13.38	105	26042	2.684	ug/l	99
86) p-Isopropyltoluene	13.50	119	22812	2.575	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	11859	2.779	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	11869	2.841	ug/l	83
89) n-Butylbenzene	13.82	91	22592	2.664	ug/l	97
90) Hexachloroethane	14.10	117	4068	2.533	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	10189	2.756	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	793	3.146	ug/l	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	6580	2.823	ug/l	99
94) Hexachlorobutadiene	15.24	225	4369	2.952	ug/l	98
95) Naphthalene	15.37	128	9596	2.463	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	5888	2.968	ug/l	98

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

