

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015719.D
 Acq On : 25 Jun 2020 11:03
 Operator : SY/VA
 Sample : VW0625SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 11:21:18 AM

Quant Time: Jun 26 02:07:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	187757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	297143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	145487	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105110	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
35) Dibromofluoromethane	7.88	113	94321	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	10.32	98	374429	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.62	95	138950	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.01	85	23388	20.891	ug/l	89
3) Chloromethane	2.21	50	27530	20.942	ug/l	95
4) Vinyl Chloride	2.37	62	45823	21.561	ug/l	99
5) Bromomethane	2.78	94	37063	23.727	ug/l	98
6) Chloroethane	2.93	64	31688	22.657	ug/l	100
7) Trichlorofluoromethane	3.26	101	33768	21.161	ug/l	97
8) Diethyl Ether	3.68	74	19570	21.235	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	39336	20.913	ug/l	99
10) Methyl Iodide	4.27	142	54466	20.479	ug/l	100
11) Tert butyl alcohol	5.23	59	14131m	102.369	ug/l	
12) 1,1-Dichloroethene	4.04	96	38043	20.771	ug/l	97
13) Acrolein	3.90	56	13446	92.654	ug/l	99
14) Allyl chloride	4.67	41	59582	20.052	ug/l	99
15) Acrylonitrile	5.37	53	38323	100.788	ug/l	99
16) Acetone	4.14	43	38683	97.405	ug/l	95
17) Carbon Disulfide	4.38	76	100026	18.976	ug/l	99
18) Methyl Acetate	4.68	43	18592	19.831	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	57413	20.829	ug/l	99
20) Methylene Chloride	4.92	84	52128	24.629	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	42897	20.429	ug/l	96
22) Diisopropyl ether	6.32	45	120796	20.440	ug/l	96
23) Vinyl Acetate	6.26	43	345936	100.377	ug/l	100
24) 1,1-Dichloroethane	6.22	63	77629	20.867	ug/l	99
25) 2-Butanone	7.18	43	52715	98.213	ug/l	98
26) 2,2-Dichloropropane	7.17	77	49867	19.986	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	46636	20.646	ug/l	98
28) Bromochloromethane	7.51	49	30529	21.334	ug/l	98
29) Tetrahydrofuran	7.54	42	31019	98.345	ug/l	99
30) Chloroform	7.68	83	79646	20.876	ug/l	96
31) Cyclohexane	7.96	56	72216	20.068	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	66489	20.445	ug/l	98
36) 1,1-Dichloropropene	8.09	75	64558	20.889	ug/l	100
37) Ethyl Acetate	7.26	43	24514	20.774	ug/l	99
38) Carbon Tetrachloride	8.07	117	60533	20.206	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	76658	20.478	ug/l	98
40) Benzene	8.32	78	174027	20.709	ug/l	99
41) Methacrylonitrile	7.49	41	13829	20.419	ug/l	95
42) 1,2-Dichloroethane	8.40	62	54578	20.994	ug/l	99
43) Isopropyl Acetate	8.43	43	46805	19.876	ug/l	100
44) Trichloroethene	9.09	130	46348	20.462	ug/l	90
45) 1,2-Dichloropropane	9.37	63	42798	20.836	ug/l	99
46) Dibromomethane	9.46	93	21589	20.314	ug/l	98
47) Bromodichloromethane	9.65	83	55659	20.078	ug/l	99
48) Methyl methacrylate	9.44	41	21548	20.014	ug/l	100
49) 1,4-Dioxane	9.47	88	5929	425.267	ug/l #	74
51) 4-Methyl-2-Pentanone	10.21	43	113526	99.966	ug/l	99
52) Toluene	10.39	92	114911	21.177	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	51647	19.285	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	63850	19.957	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	30381	20.560	ug/l	97
56) Ethyl methacrylate	10.65	69	37129	20.195	ug/l	96
57) 1,3-Dichloropropane	10.93	76	54541	20.820	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	92106	105.862	ug/l	99
59) 2-Hexanone	10.97	43	77378	100.082	ug/l	99
60) Dibromochloromethane	11.13	129	34438	19.999	ug/l	99
61) 1,2-Dibromoethane	11.24	107	29092	20.597	ug/l	98
64) Tetrachloroethene	10.87	164	39723	20.529	ug/l	99
65) Chlorobenzene	11.66	112	120710	20.786	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	40977	20.125	ug/l	98
67) Ethyl Benzene	11.73	91	223594	20.689	ug/l	100
68) m/p-Xylenes	11.84	106	166970	41.144	ug/l	97
69) o-Xylene	12.17	106	76779	20.577	ug/l	98
70) Styrene	12.18	104	133588	20.955	ug/l	100
71) Bromoform	12.35	173	17457	18.634	ug/l #	99
73) Isopropylbenzene	12.47	105	219370	19.766	ug/l	99
74) N-amyl acetate	12.27	43	44338	18.846	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	34224	19.276	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	25701m	19.367	ug/l	
77) Bromobenzene	12.75	156	47967	19.383	ug/l	98
78) n-propylbenzene	12.80	91	266104	19.920	ug/l	100
79) 2-Chlorotoluene	12.90	91	151466	20.137	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	189588	20.160	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	8762	16.639	ug/l	89
82) 4-Chlorotoluene	12.99	91	159229	20.010	ug/l	99
83) tert-Butylbenzene	13.21	119	157392	19.808	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	192373	20.513	ug/l	99
85) sec-Butylbenzene	13.38	105	230945	20.337	ug/l	99
86) p-Isopropyltoluene	13.50	119	211762	20.525	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	102690	20.903	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	98977	20.342	ug/l	97
89) n-Butylbenzene	13.83	91	201944	20.389	ug/l	99
90) Hexachloroethane	14.10	117	34839	18.974	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	86308	20.319	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	5514	19.394	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	56577	20.170	ug/l	99
94) Hexachlorobutadiene	15.24	225	36141	20.225	ug/l	99
95) Naphthalene	15.37	128	92043	19.840	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	49910	20.666	ug/l	97

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

