

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015253.D
 Acq On : 21 Apr 2020 11:19
 Operator : SY/VA
 Sample : VW0421SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0421SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/22/2020 11:42:26 AM

Quant Time: Apr 22 06:28:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	229840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	332009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	176812	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	94164	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
35) Dibromofluoromethane	7.88	113	91712	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
50) Toluene-d8	10.32	98	364652	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
62) 4-Bromofluorobenzene	12.62	95	141679	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	35871	19.763	ug/l	97
3) Chloromethane	2.22	50	39968	20.221	ug/l	100
4) Vinyl Chloride	2.36	62	47047	20.157	ug/l	99
5) Bromomethane	2.75	94	36384	21.924	ug/l	92
6) Chloroethane	2.92	64	27923	19.287	ug/l	98
7) Trichlorofluoromethane	3.26	101	65964	19.973	ug/l	96
8) Diethyl Ether	3.69	74	19638	21.183	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.07	101	40653	19.960	ug/l	93
10) Methyl Iodide	4.28	142	42265	19.757	ug/l	98
11) Tert butyl alcohol	5.17	59	16681	108.876	ug/l	97
12) 1,1-Dichloroethene	4.04	96	38958	19.872	ug/l	94
13) Acrolein	3.90	56	11238	140.142	ug/l	99
14) Allyl chloride	4.68	41	50391	19.376	ug/l #	86
15) Acrylonitrile	5.38	53	38466	109.033	ug/l	99
16) Acetone	4.13	43	34614	105.441	ug/l	96
17) Carbon Disulfide	4.39	76	113730	19.522	ug/l	99
18) Methyl Acetate	4.68	43	17611	20.267	ug/l	93
19) Methyl tert-butyl Ether	5.43	73	97307	21.622	ug/l	94
20) Methylene Chloride	4.93	84	44463	20.666	ug/l	90
21) trans-1,2-Dichloroethene	5.43	96	43709	19.659	ug/l	92
22) Diisopropyl ether	6.32	45	101921	20.428	ug/l #	91
23) Vinyl Acetate	6.26	43	310865	106.178	ug/l	95
24) 1,1-Dichloroethane	6.22	63	69849	20.201	ug/l	98
25) 2-Butanone	7.17	43	46793	107.437	ug/l #	88
26) 2,2-Dichloropropane	7.17	77	70215	19.302	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	48842	20.348	ug/l	98
28) Bromochloromethane	7.52	49	25241	20.078	ug/l #	75
29) Tetrahydrofuran	7.53	42	30157	111.138	ug/l	88
30) Chloroform	7.68	83	74511	19.966	ug/l	99
31) Cyclohexane	7.96	56	65482	18.840	ug/l #	89
32) 1,1,1-Trichloroethane	7.87	97	70446	19.559	ug/l	98
36) 1,1-Dichloropropene	8.09	75	58984	19.684	ug/l	98
37) Ethyl Acetate	7.26	43	21399	22.004	ug/l #	95
38) Carbon Tetrachloride	8.07	117	63856	19.500	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	76632	19.214	ug/l	97
40) Benzene	8.33	78	158902	19.851	ug/l	98
41) Methacrylonitrile	7.49	41	12397	21.245	ug/l	91
42) 1,2-Dichloroethane	8.40	62	49324	20.931	ug/l	99
43) Isopropyl Acetate	8.43	43	44344	21.740	ug/l	96
44) Trichloroethene	9.10	130	48622	19.858	ug/l	94
45) 1,2-Dichloropropane	9.37	63	37792	20.302	ug/l	96
46) Dibromomethane	9.46	93	22724	21.103	ug/l #	85
47) Bromodichloromethane	9.65	83	57402	19.941	ug/l	99
48) Methyl methacrylate	9.44	41	19410	20.130	ug/l #	82
49) 1,4-Dioxane	9.45	88	6236	434.414	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	105773	110.469	ug/l	96
52) Toluene	10.39	92	111830	19.962	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	58382	20.569	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	67894	20.579	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	32395	21.485	ug/l	97
56) Ethyl methacrylate	10.65	69	40919	21.066	ug/l	93
57) 1,3-Dichloropropane	10.93	76	52790	21.136	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	94220	104.626	ug/l	90
59) 2-Hexanone	10.97	43	73727	107.868	ug/l	96
60) Dibromochloromethane	11.13	129	41681	20.937	ug/l	98
61) 1,2-Dibromoethane	11.23	107	31559	21.450	ug/l	97
64) Tetrachloroethene	10.87	164	43889	19.535	ug/l	93
65) Chlorobenzene	11.66	112	122588	19.846	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	45566	20.524	ug/l	98
67) Ethyl Benzene	11.73	91	226267	19.642	ug/l	97
68) m/p-Xylenes	11.84	106	179628	39.782	ug/l	97
69) o-Xylene	12.16	106	83817	19.888	ug/l	99
70) Styrene	12.18	104	145160	20.206	ug/l	99
71) Bromoform	12.35	173	26038	20.815	ug/l #	99
73) Isopropylbenzene	12.46	105	230031	18.764	ug/l	100
74) N-amyl acetate	12.27	43	44264	20.754	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.71	83	35048	20.136	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	27686m	20.241	ug/l	
77) Bromobenzene	12.74	156	55993	19.880	ug/l	84
78) n-propylbenzene	12.80	91	270067	18.921	ug/l	97
79) 2-Chlorotoluene	12.89	91	152486	18.957	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	201522	19.083	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12560	20.073	ug/l	96
82) 4-Chlorotoluene	12.99	91	162584	19.036	ug/l	95
83) tert-Butylbenzene	13.21	119	174260	18.880	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	201953	19.389	ug/l	100
85) sec-Butylbenzene	13.38	105	241886	18.976	ug/l	98
86) p-Isopropyltoluene	13.50	119	227456	19.204	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	111057	19.845	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	111160	20.263	ug/l	97
89) n-Butylbenzene	13.82	91	204191	18.861	ug/l	98
90) Hexachloroethane	14.09	117	41689	19.192	ug/l	74
91) 1,2-Dichlorobenzene	13.87	146	99213	20.402	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6464	20.521	ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	68759	20.342	ug/l	96
94) Hexachlorobutadiene	15.24	225	44573	19.779	ug/l	97
95) Naphthalene	15.36	128	112168	20.629	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	56209	20.438	ug/l	99

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

