

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041520\
 Data File : VW015204.D
 Acq On : 15 Apr 2020 16:12
 Operator : SY/VA
 Sample : VW0415SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0415SBS01

Quant Time: Apr 16 04:40:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 14:44:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	587006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1001874	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	862972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	392008	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	277581	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
35) Dibromofluoromethane	7.88	113	282112	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
50) Toluene-d8	10.32	98	1132878	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
62) 4-Bromofluorobenzene	12.61	95	392502	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	62675	18.313	ug/l	100
3) Chloromethane	2.21	50	103746	20.028	ug/l	95
4) Vinyl Chloride	2.37	62	134643	22.073	ug/l	99
5) Bromomethane	2.78	94	67470	21.011	ug/l	97
6) Chloroethane	2.92	64	64260	21.356	ug/l	96
7) Trichlorofluoromethane	3.26	101	86043	22.013	ug/l	97
8) Diethyl Ether	3.68	74	62011	20.579	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	121027	20.375	ug/l	98
10) Methyl Iodide	4.27	142	183006	20.631	ug/l	99
11) Tert butyl alcohol	5.17	59	40377	97.992	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	121981	19.940	ug/l	94
13) Acrolein	3.89	56	42778	99.862	ug/l	99
14) Allyl chloride	4.67	41	187646	20.735	ug/l	99
15) Acrylonitrile	5.37	53	122992	97.255	ug/l	98
16) Acetone	4.12	43	92653	93.720	ug/l	96
17) Carbon Disulfide	4.38	76	377180	20.257	ug/l	99
18) Methyl Acetate	4.67	43	59821	19.788	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	172428	21.522	ug/l	97
20) Methylene Chloride	4.91	84	134160	19.596	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	133394	20.666	ug/l	98
22) Diisopropyl ether	6.31	45	376720	20.640	ug/l	97
23) Vinyl Acetate	6.25	43	1084426	102.308	ug/l	99
24) 1,1-Dichloroethane	6.21	63	224640	20.702	ug/l	99
25) 2-Butanone	7.16	43	156566	98.965	ug/l	96
26) 2,2-Dichloropropane	7.16	77	156745	21.704	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	145030	20.843	ug/l	99
28) Bromochloromethane	7.51	49	91272	20.125	ug/l	99
29) Tetrahydrofuran	7.52	42	102368	98.713	ug/l	99
30) Chloroform	7.68	83	219374	20.638	ug/l	95
31) Cyclohexane	7.95	56	234808	20.244	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	187283	20.915	ug/l	99
36) 1,1-Dichloropropene	8.08	75	183389	20.490	ug/l	99
37) Ethyl Acetate	7.25	43	72743	19.528	ug/l	96
38) Carbon Tetrachloride	8.07	117	173598	21.096	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	246768	20.517	ug/l	99
40) Benzene	8.32	78	530992	20.893	ug/l	99
41) Methacrylonitrile	7.49	41	45175	20.496	ug/l	97
42) 1,2-Dichloroethane	8.40	62	135896	21.068	ug/l	99
43) Isopropyl Acetate	8.42	43	148985	20.466	ug/l	98
44) Trichloroethene	9.09	130	138078	20.677	ug/l	99
45) 1,2-Dichloropropane	9.37	63	129247	20.670	ug/l	98
46) Dibromomethane	9.46	93	63951	20.465	ug/l	98
47) Bromodichloromethane	9.64	83	170642	21.061	ug/l	97
48) Methyl methacrylate	9.43	41	71594	21.027	ug/l	98
49) 1,4-Dioxane	9.45	88	17732	357.661	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	358738	93.175	ug/l	99
52) Toluene	10.39	92	329996	20.286	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	166119	20.152	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	205687	20.683	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	89327	20.174	ug/l	97
56) Ethyl methacrylate	10.64	69	122490	20.075	ug/l	99
57) 1,3-Dichloropropane	10.93	76	159674	20.517	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	305365	101.120	ug/l	98
59) 2-Hexanone	10.97	43	238683	98.778	ug/l	99
60) Dibromochloromethane	11.13	129	106951	20.244	ug/l	99
61) 1,2-Dibromoethane	11.24	107	88300	20.692	ug/l	99
64) Tetrachloroethene	10.86	164	107838	21.274	ug/l	97
65) Chlorobenzene	11.66	112	345950	21.305	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.72	131	117139	20.872	ug/l	99
67) Ethyl Benzene	11.73	91	640168	20.884	ug/l	99
68) m/p-Xylenes	11.83	106	490803	42.190	ug/l	99
69) o-Xylene	12.16	106	229944	21.089	ug/l	97
70) Styrene	12.18	104	387769	21.051	ug/l	99
71) Bromoform	12.35	173	57994	20.807	ug/l	# 94
73) Isopropylbenzene	12.46	105	624586	21.365	ug/l	100
74) N-amyl acetate	12.27	43	135829	19.987	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	101343	20.689	ug/l	98
76) 1,2,3-Trichloropropane	12.76	75	77790m	23.181	ug/l	
77) Bromobenzene	12.74	156	131385	21.693	ug/l	97
78) n-propylbenzene	12.80	91	741329	21.027	ug/l	99
79) 2-Chlorotoluene	12.89	91	404588	20.759	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	519887	21.120	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	35300	20.352	ug/l	97
82) 4-Chlorotoluene	12.99	91	434413	21.097	ug/l	99
83) tert-Butylbenzene	13.21	119	453575	21.251	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	522160	21.342	ug/l	100
85) sec-Butylbenzene	13.38	105	642113	21.168	ug/l	100
86) p-Isopropyltoluene	13.49	119	575053	21.246	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	260360	21.577	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	262025	21.889	ug/l	99
89) n-Butylbenzene	13.82	91	556868	20.811	ug/l	99
90) Hexachloroethane	14.09	117	106855	20.533	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	227137	21.172	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15569	19.631	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	149197	21.076	ug/l	98
94) Hexachlorobutadiene	15.24	225	86917	21.282	ug/l	98
95) Naphthalene	15.36	128	286642	21.049	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	128996	21.234	ug/l	97

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

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