

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007205.D
 Acq On : 05 Dec 2018 01:01
 Operator : SY/AP
 Sample : VW1204SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS02

Manual Integrations
 APPROVED

apatel
 12/5/2018 12:44:24 PM

Quant Time: Dec 05 07:39:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	104854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	172073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	154932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	77798	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	51593	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
35) Dibromofluoromethane	7.88	113	48889	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	10.33	98	208481	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
62) 4-Bromofluorobenzene	12.62	95	81241	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	22247	19.393	ug/l	96
3) Chloromethane	2.21	50	28434	19.572	ug/l	99
4) Vinyl Chloride	2.35	62	17225	18.937	ug/l	99
5) Bromomethane	2.75	94	10930	23.980	ug/l	99
6) Chloroethane	2.90	64	10422	20.421	ug/l	93
7) Trichlorofluoromethane	3.25	101	32671	18.423	ug/l	97
8) Diethyl Ether	3.68	74	10409	21.057	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	19652	18.344	ug/l	97
10) Methyl Iodide	4.27	142	16457	18.033	ug/l	99
11) Tert butyl alcohol	5.15	59	13230	133.129	ug/l	96
12) 1,1-Dichloroethene	4.04	96	18688	18.615	ug/l	98
13) Acrolein	3.90	56	6914	101.076	ug/l	99
14) Allyl chloride	4.67	41	31977	19.871	ug/l	99
15) Acrylonitrile	5.37	53	22152	107.195	ug/l	98
16) Acetone	4.12	43	19152	82.870	ug/l	100
17) Carbon Disulfide	4.37	76	61178	18.487	ug/l	98
18) Methyl Acetate	4.67	43	11644	22.073	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	50281	21.272	ug/l	95
20) Methylene Chloride	4.92	84	28193	21.222	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	22164	19.772	ug/l	95
22) Diisopropyl ether	6.32	45	60755	21.031	ug/l	99
23) Vinyl Acetate	6.26	43	160689	101.942	ug/l	100
24) 1,1-Dichloroethane	6.22	63	37971	20.508	ug/l	98
25) 2-Butanone	7.17	43	25593	95.532	ug/l	92
26) 2,2-Dichloropropane	7.16	77	31463	17.683	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	24594	20.466	ug/l	99
28) Bromochloromethane	7.51	49	14894	22.308	ug/l	100
29) Tetrahydrofuran	7.53	42	17359	104.856	ug/l	98
30) Chloroform	7.68	83	40181	20.881	ug/l	98
31) Cyclohexane	7.95	56	35012	18.073	ug/l #	93
32) 1,1,1-Trichloroethane	7.87	97	35438	19.569	ug/l	99
36) 1,1-Dichloropropene	8.08	75	29795	17.795	ug/l	98
37) Ethyl Acetate	7.26	43	11057	18.257	ug/l	97
38) Carbon Tetrachloride	8.07	117	30116	17.623	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	38509	17.181	ug/l	96
40) Benzene	8.32	78	87590	19.078	ug/l	100
41) Methacrylonitrile	7.49	41	6786	18.706	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	25959	20.231	ug/l	100
43) Isopropyl Acetate	8.43	43	23024	19.574	ug/l	99
44) Trichloroethene	9.09	130	24667	19.114	ug/l	96
45) 1,2-Dichloropropane	9.37	63	21155	19.801	ug/l	97
46) Dibromomethane	9.46	93	10946	19.717	ug/l	97
47) Bromodichloromethane	9.65	83	28625	19.602	ug/l	99
48) Methyl methacrylate	9.44	41	11594	18.991	ug/l	93
49) 1,4-Dioxane	9.45	88	4322	445.649	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	56516	97.497	ug/l	98
52) Toluene	10.39	92	63103	19.759	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	27881	18.990	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	34003	19.762	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	16298	20.639	ug/l	90
56) Ethyl methacrylate	10.65	69	20750	20.144	ug/l	98
57) 1,3-Dichloropropane	10.93	76	26457	19.844	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	46815	113.148	ug/l	99
59) 2-Hexanone	10.97	43	36688	87.309	ug/l	100
60) Dibromochloromethane	11.13	129	18405	18.963	ug/l	98
61) 1,2-Dibromoethane	11.23	107	15059	19.882	ug/l	99
64) Tetrachloroethene	10.87	164	22928	20.255	ug/l	98
65) Chlorobenzene	11.66	112	66476	19.212	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	20379	19.070	ug/l	99
67) Ethyl Benzene	11.73	91	120937	19.176	ug/l	96
68) m/p-Xylenes	11.84	106	92445	37.365	ug/l	96
69) o-Xylene	12.17	106	45234	19.569	ug/l	98
70) Styrene	12.18	104	72126	19.061	ug/l	99
71) Bromoform	12.35	173	10482	19.594	ug/l #	99
73) Isopropylbenzene	12.47	105	119547	18.893	ug/l	100
74) N-amyl acetate	12.27	43	21121	18.827	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	16935	20.608	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	10004m	8.557	ug/l	
77) Bromobenzene	12.75	156	26586	19.465	ug/l	97
78) n-propylbenzene	12.81	91	138406	18.360	ug/l	100
79) 2-Chlorotoluene	12.90	91	84874	19.937	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	106572	19.688	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	5094	18.226	ug/l	93
82) 4-Chlorotoluene	12.99	91	86675	19.139	ug/l	98
83) tert-Butylbenzene	13.21	119	89539	18.928	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	104631	18.936	ug/l	97
85) sec-Butylbenzene	13.39	105	123493	18.286	ug/l	99
86) p-Isopropyltoluene	13.51	119	111330	18.519	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	54214	19.336	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	55774	19.693	ug/l	97
89) n-Butylbenzene	13.83	91	100372	17.867	ug/l	99
90) Hexachloroethane	14.10	117	16853	18.396	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	47806	19.695	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2951	18.537	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	30740	18.274	ug/l	96
94) Hexachlorobutadiene	15.24	225	16493	18.182	ug/l	98
95) Naphthalene	15.38	128	55154	18.295	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	25752	18.155	ug/l	99

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

