

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120618\
 Data File : VW007283.D
 Acq On : 06 Dec 2018 17:22
 Operator : SY/AP
 Sample : VW1206SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1206SBS01

Manual Integrations
 APPROVED

apatel
 12/7/2018 12:19:56 PM

Quant Time: Dec 06 17:57:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	95756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	142428	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	131532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	64504	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	45855	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
35) Dibromofluoromethane	7.88	113	43791	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
50) Toluene-d8	10.32	98	189193	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
62) 4-Bromofluorobenzene	12.62	95	66406	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	23826	22.742	ug/l	98
3) Chloromethane	2.22	50	24895	18.764	ug/l	99
4) Vinyl Chloride	2.36	62	17343	20.878	ug/l	100
5) Bromomethane	2.75	94	10498	25.220	ug/l	97
6) Chloroethane	2.91	64	9534	20.455	ug/l	98
7) Trichlorofluoromethane	3.26	101	34937	21.572	ug/l	97
8) Diethyl Ether	3.69	74	8703	19.279	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	20687	21.145	ug/l	99
10) Methyl Iodide	4.27	142	13272	15.925	ug/l	99
11) Tert butyl alcohol	5.17	59	7298	72.305	ug/l #	90
12) 1,1-Dichloroethene	4.04	96	18400	20.069	ug/l	97
13) Acrolein	3.90	56	5201	83.258	ug/l	97
14) Allyl chloride	4.67	41	27910	18.992	ug/l	95
15) Acrylonitrile	5.37	53	17161	90.934	ug/l	98
16) Acetone	4.12	43	18095	85.736	ug/l	96
17) Carbon Disulfide	4.38	76	60779	20.111	ug/l	97
18) Methyl Acetate	4.68	43	8929	18.534	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	41188	19.081	ug/l	97
20) Methylene Chloride	4.92	84	24638	20.058	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	20915	20.430	ug/l	98
22) Diisopropyl ether	6.31	45	53135	20.141	ug/l	95
23) Vinyl Acetate	6.26	43	137195	95.307	ug/l	99
24) 1,1-Dichloroethane	6.22	63	34262	20.262	ug/l	100
25) 2-Butanone	7.17	43	20866	85.287	ug/l	95
26) 2,2-Dichloropropane	7.17	77	34011	20.931	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	21948	19.999	ug/l	98
28) Bromochloromethane	7.52	49	12195	20.001	ug/l	98
29) Tetrahydrofuran	7.53	42	13305	88.004	ug/l	99
30) Chloroform	7.68	83	36299	20.656	ug/l	99
31) Cyclohexane	7.95	56	34406	19.447	ug/l #	91
32) 1,1,1-Trichloroethane	7.87	97	35127	21.240	ug/l	99
36) 1,1-Dichloropropene	8.09	75	29957	21.616	ug/l	99
37) Ethyl Acetate	7.26	43	9608	19.166	ug/l	97
38) Carbon Tetrachloride	8.07	117	30116	21.291	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	37147	20.023	ug/l	98
40) Benzene	8.32	78	79213	20.845	ug/l	98
41) Methacrylonitrile	7.49	41	6045	20.132	ug/l	97
42) 1,2-Dichloroethane	8.40	62	22703	21.376	ug/l	100
43) Isopropyl Acetate	8.43	43	18444	18.944	ug/l	99
44) Trichloroethene	9.09	130	22934	21.470	ug/l	97
45) 1,2-Dichloropropane	9.37	63	18565	20.993	ug/l	90
46) Dibromomethane	9.46	93	9427	20.515	ug/l	98
47) Bromodichloromethane	9.65	83	25437	21.044	ug/l	95
48) Methyl methacrylate	9.44	41	9962	19.714	ug/l	99
49) 1,4-Dioxane	9.45	88	3353	417.694	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	44552	92.855	ug/l	99
52) Toluene	10.39	92	56161	21.245	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	24327	20.018	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	29950	21.029	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	13232	20.244	ug/l	96
56) Ethyl methacrylate	10.65	69	15921	18.673	ug/l	98
57) 1,3-Dichloropropane	10.93	76	22349	20.252	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	36183	105.653	ug/l	98
59) 2-Hexanone	10.97	43	30100	86.540	ug/l	98
60) Dibromochloromethane	11.13	129	16075	20.010	ug/l	96
61) 1,2-Dibromoethane	11.23	107	12974	20.695	ug/l	92
64) Tetrachloroethene	10.87	164	20778	21.621	ug/l	91
65) Chlorobenzene	11.66	112	57915	19.715	ug/l #	87
66) 1,1,1,2-Tetrachloroethane	11.73	131	18990	20.932	ug/l	99
67) Ethyl Benzene	11.73	91	106787	19.945	ug/l	100
68) m/p-Xylenes	11.84	106	85897	40.895	ug/l	100
69) o-Xylene	12.16	106	39914	20.339	ug/l	93
70) Styrene	12.18	104	64144	19.968	ug/l	96
71) Bromoform	12.35	173	8666	19.082	ug/l #	97
73) Isopropylbenzene	12.47	105	110272	21.019	ug/l	99
74) N-amyl acetate	12.27	43	16905	18.174	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	13210	19.388	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	8155m	16.328	ug/l	
77) Bromobenzene	12.75	156	23319	20.592	ug/l	98
78) n-propylbenzene	12.81	91	130933	20.948	ug/l	99
79) 2-Chlorotoluene	12.90	91	73419	20.801	ug/l	96
80) 1,3,5-Trimethylbenzene	12.95	105	94343	21.021	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	4058	17.512	ug/l	90
82) 4-Chlorotoluene	12.99	91	80373	21.405	ug/l	97
83) tert-Butylbenzene	13.21	119	83453	21.277	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	94310	20.586	ug/l	94
85) sec-Butylbenzene	13.39	105	118325	21.132	ug/l	98
86) p-Isopropyltoluene	13.50	119	107477	21.562	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	47781	20.553	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	49324	21.005	ug/l	98
89) n-Butylbenzene	13.83	91	96387	20.694	ug/l	99
90) Hexachloroethane	14.10	117	15345	20.202	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	43939	21.833	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2295	17.388	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	28777	20.633	ug/l	98
94) Hexachlorobutadiene	15.24	225	16860	22.417	ug/l	97
95) Naphthalene	15.38	128	47042	18.820	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	23461	19.949	ug/l	99

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

