

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006824.D
 Acq On : 13 Nov 2018 00:36
 Operator : SY/AP
 Sample : VW1112SBSD02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD02

Manual Integrations
 APPROVED

apatel
 11/13/2018 3:57:49 PM

Quant Time: Nov 13 03:28:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	279141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	389057	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	376359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	216888	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105062	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
35) Dibromofluoromethane	7.88	113	108877	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
50) Toluene-d8	10.33	98	433301	45.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.24%	
62) 4-Bromofluorobenzene	12.62	95	161974	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	51543	22.367	ug/l	98
3) Chloromethane	2.21	50	61740	23.765	ug/l	98
4) Vinyl Chloride	2.36	62	62556	22.431	ug/l	99
5) Bromomethane	2.77	94	42054	22.414	ug/l	98
6) Chloroethane	2.92	64	39852	22.145	ug/l	100
7) Trichlorofluoromethane	3.26	101	77908	21.164	ug/l	97
8) Diethyl Ether	3.69	74	25326	23.445	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	50990	20.427	ug/l	98
10) Methyl Iodide	4.28	142	69117	19.757	ug/l	100
11) Tert butyl alcohol	5.21	59	18349	136.984	ug/l #	72
12) 1,1-Dichloroethene	4.04	96	44224	20.975	ug/l	96
13) Acrolein	3.90	56	17046	121.675	ug/l	100
14) Allyl chloride	4.67	41	58993	21.273	ug/l	98
15) Acrylonitrile	5.38	53	47820	116.893	ug/l	100
16) Acetone	4.15	43	35656	121.668	ug/l	96
17) Carbon Disulfide	4.39	76	141188	21.174	ug/l	98
18) Methyl Acetate	4.69	43	23052	22.996	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	121079	24.188	ug/l	99
20) Methylene Chloride	4.92	84	61885	20.086	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	52737	21.208	ug/l	99
22) Diisopropyl ether	6.32	45	134923	23.426	ug/l	98
23) Vinyl Acetate	6.26	43	384383	118.388	ug/l	98
24) 1,1-Dichloroethane	6.23	63	83800	21.939	ug/l	99
25) 2-Butanone	7.18	43	59538	120.130	ug/l	98
26) 2,2-Dichloropropane	7.18	77	74068	19.272	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	58575	22.095	ug/l	100
28) Bromochloromethane	7.52	49	31488	23.567	ug/l	97
29) Tetrahydrofuran	7.54	42	36732	115.811	ug/l	99
30) Chloroform	7.68	83	92587	22.200	ug/l	99
31) Cyclohexane	7.96	56	82826	21.183	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	88456	21.973	ug/l	99
36) 1,1-Dichloropropene	8.09	75	77095	21.175	ug/l	99
37) Ethyl Acetate	7.26	43	27380	22.998	ug/l	98
38) Carbon Tetrachloride	8.07	117	79572	20.109	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	89452	18.937	ug/l	98
40) Benzene	8.33	78	214196	21.157	ug/l	100
41) Methacrylonitrile	7.49	41	16481	22.546	ug/l	93
42) 1,2-Dichloroethane	8.40	62	59798	22.046	ug/l	99
43) Isopropyl Acetate	8.43	43	51853	22.395	ug/l	99
44) Trichloroethene	9.10	130	67748	21.208	ug/l	98
45) 1,2-Dichloropropane	9.37	63	52547	22.270	ug/l	99
46) Dibromomethane	9.46	93	28985	22.068	ug/l	97
47) Bromodichloromethane	9.65	83	71920	22.076	ug/l	99
48) Methyl methacrylate	9.44	41	23270	20.499	ug/l	93
49) 1,4-Dioxane	9.47	88	8711	438.985	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	129782	111.785	ug/l	98
52) Toluene	10.39	92	147532	20.556	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	67739	21.121	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	80794	21.245	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	43926	22.538	ug/l	98
56) Ethyl methacrylate	10.65	69	44937	21.038	ug/l	99
57) 1,3-Dichloropropane	10.93	76	69963	22.667	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	123658	115.592	ug/l	99
59) 2-Hexanone	10.97	43	86606	108.148	ug/l	100
60) Dibromochloromethane	11.13	129	51576	21.626	ug/l	99
61) 1,2-Dibromoethane	11.24	107	41359	22.344	ug/l	98
64) Tetrachloroethene	10.87	164	62239	20.636	ug/l	99
65) Chlorobenzene	11.66	112	170894	20.468	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	57849	21.352	ug/l	99
67) Ethyl Benzene	11.74	91	282502	19.847	ug/l	98
68) m/p-Xylenes	11.85	106	236669	40.637	ug/l	99
69) o-Xylene	12.17	106	108843	20.081	ug/l	97
70) Styrene	12.18	104	176977	20.400	ug/l	100
71) Bromoform	12.35	173	31320	21.182	ug/l #	100
73) Isopropylbenzene	12.47	105	293089	19.468	ug/l	99
74) N-amyl acetate	12.27	43	48113	21.136	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	45251	21.728	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	33582m	21.485	ug/l	
77) Bromobenzene	12.75	156	78469	20.674	ug/l	100
78) n-propylbenzene	12.81	91	350025	19.699	ug/l	99
79) 2-Chlorotoluene	12.90	91	201492	20.212	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	256745	19.838	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11970	18.943	ug/l	97
82) 4-Chlorotoluene	12.99	91	213528	20.075	ug/l	100
83) tert-Butylbenzene	13.21	119	222357	19.437	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	266246	20.215	ug/l	99
85) sec-Butylbenzene	13.39	105	310236	19.137	ug/l	100
86) p-Isopropyltoluene	13.51	119	287491	19.497	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	156177	20.189	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	155018	20.254	ug/l	99
89) n-Butylbenzene	13.83	91	257608	19.116	ug/l	98
90) Hexachloroethane	14.10	117	45836	19.427	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	137844	20.461	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6791	20.367	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	100552	19.769	ug/l	99
94) Hexachlorobutadiene	15.24	225	60172	18.670	ug/l	99
95) Naphthalene	15.38	128	152284	20.019	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	86665	19.855	ug/l	99

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

