

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121818\
 Data File : VW007601.D
 Acq On : 16 Dec 2018 01:13
 Operator : SY/AP
 Sample : VW1218SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW1218SBS01

Manual Integrations
 APPROVED

apatel
 12/17/2018 4:40:32 PM

Quant Time: Dec 16 02:40:41 2018
 Quant Title :
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	70848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	120790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	108411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	55288	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	40216	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
35) Dibromofluoromethane	7.88	113	35664	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
50) Toluene-d8	10.32	98	137016	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.62	95	52013	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	10194	20.590	ug/l	99
3) Chloromethane	2.21	50	8526	20.562	ug/l	88
4) Vinyl Chloride	2.36	62	10039	20.631	ug/l	98
5) Bromomethane	2.78	94	7068	21.619	ug/l	99
6) Chloroethane	2.93	64	5359	20.007	ug/l	97
7) Trichlorofluoromethane	3.26	101	8933	20.420	ug/l	98
8) Diethyl Ether	3.68	74	7482	21.852	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	15055	20.856	ug/l	96
10) Methyl Iodide	4.27	142	25725	21.518	ug/l	96
11) Tert butyl alcohol	5.17	59	6163	114.168	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	14844	21.358	ug/l	92
13) Acrolein	3.89	56	3131	87.656	ug/l	99
14) Allyl chloride	4.67	41	20906	20.407	ug/l	97
15) Acrylonitrile	5.37	53	15597	108.057	ug/l	99
16) Acetone	4.12	43	13931	101.470	ug/l	99
17) Carbon Disulfide	4.38	76	43628	20.703	ug/l	100
18) Methyl Acetate	4.67	43	9107	24.440	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	23276	22.200	ug/l	96
20) Methylene Chloride	4.91	84	17828	21.514	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	17010	21.879	ug/l	95
22) Diisopropyl ether	6.31	45	41181	20.913	ug/l	92
23) Vinyl Acetate	6.25	43	114549	104.003	ug/l	98
24) 1,1-Dichloroethane	6.21	63	28220	21.204	ug/l	98
25) 2-Butanone	7.17	43	19085	106.481	ug/l	97
26) 2,2-Dichloropropane	7.16	77	18802	21.347	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	18706	21.974	ug/l	98
28) Bromochloromethane	7.51	49	10346	20.667	ug/l	97
29) Tetrahydrofuran	7.53	42	12221	107.705	ug/l	94
30) Chloroform	7.67	83	31440	21.708	ug/l	99
31) Cyclohexane	7.95	56	24131	19.763	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	27205	21.420	ug/l	99
36) 1,1-Dichloropropene	8.08	75	23728	21.534	ug/l	99
37) Ethyl Acetate	7.25	43	8961	21.865	ug/l #	79
38) Carbon Tetrachloride	8.06	117	26455	22.065	ug/l	98
39) Methylcyclohexane	9.33	83	28466	21.334	ug/l	94

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40) Benzene	8.32	78	66564	21.768	ug/l	97
41) Methacrylonitrile	7.48	41	5835	25.002	ug/l	92
42) 1,2-Dichloroethane	8.40	62	21721	22.612	ug/l	100
43) Isopropyl Acetate	8.43	43	17769	21.949	ug/l	97
44) Trichloroethene	9.09	130	18919	21.666	ug/l	96
45) 1,2-Dichloropropane	9.37	63	15434	21.810	ug/l	96
46) Dibromomethane	9.46	93	9245	23.006	ug/l	98
47) Bromodichloromethane	9.65	83	23577	22.367	ug/l	99
48) Methyl methacrylate	9.44	41	9072	21.820	ug/l	98
49) 1,4-Dioxane	9.45	88	3024	463.772	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	41596	108.745	ug/l	99
52) Toluene	10.39	92	44418	22.445	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	23120	22.593	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	25315	21.399	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	12947	23.672	ug/l	96
56) Ethyl methacrylate	10.65	69	15096	22.964	ug/l	98
57) 1,3-Dichloropropane	10.93	76	21538	23.992	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	31661	104.439	ug/l	99
59) 2-Hexanone	10.97	43	29335	115.014	ug/l	97
60) Dibromochloromethane	11.13	129	15790	22.877	ug/l	95
61) 1,2-Dibromoethane	11.24	107	12747	23.584	ug/l	96
64) Tetrachloroethene	10.86	164	16896	21.672	ug/l	92
65) Chlorobenzene	11.66	112	50824	22.492	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	17608	22.125	ug/l	97
67) Ethyl Benzene	11.73	91	87102	22.420	ug/l	91
68) m/p-Xylenes	11.84	106	68170	45.137	ug/l	98
69) o-Xylene	12.17	106	31541	22.361	ug/l	96
70) Styrene	12.18	104	53178	23.341	ug/l	98
71) Bromoform	12.35	173	9188	22.556	ug/l #	98
73) Isopropylbenzene	12.47	105	88143	20.806	ug/l	98
74) N-amyl acetate	12.27	43	16609	21.572	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	13723	21.871	ug/l	94
76) 1,2,3-Trichloropropane	12.77	75	11147m	24.452	ug/l	
77) Bromobenzene	12.75	156	20029	21.329	ug/l	94
78) n-propylbenzene	12.81	91	104171	21.850	ug/l	100
79) 2-Chlorotoluene	12.90	91	60966	21.133	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	76045	21.363	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	4284	20.759	ug/l	92
82) 4-Chlorotoluene	12.99	91	65124	21.416	ug/l	96
83) tert-Butylbenzene	13.21	119	68324	21.783	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	78109	21.324	ug/l	100
85) sec-Butylbenzene	13.39	105	92901	21.697	ug/l	96
86) p-Isopropyltoluene	13.51	119	85377	22.196	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	41200	22.006	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	40699	21.623	ug/l	97
89) n-Butylbenzene	13.83	91	76359	21.413	ug/l	100
90) Hexachloroethane	14.10	117	14525	21.222	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	36996	22.062	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2648	21.030	ug/l	93
93) 1,2,4-Trichlorobenzene	15.14	180	24487	21.219	ug/l	99
94) Hexachlorobutadiene	15.24	225	12922	21.104	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.37	128	49396	22.374	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	22439	22.384	ug/l	98

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

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