

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101918\
 Data File : VW006225.D
 Acq On : 19 Oct 2018 15:20
 Operator : VA/AP
 Sample : VW1019SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1019SBS01

Manual Integrations
 APPROVED

apatel
 10/22/2018 12:17:44 PM

Quant Time: Oct 20 01:50:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	258228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	368249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	334119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	188720	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	103767	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
35) Dibromofluoromethane	7.89	113	107951	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	10.33	98	414176	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.62	95	156629	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	23297	18.231	ug/l	97
3) Chloromethane	2.21	50	29856	18.151	ug/l	98
4) Vinyl Chloride	2.37	62	46512	19.800	ug/l	100
5) Bromomethane	2.78	94	42911	20.084	ug/l	98
6) Chloroethane	2.93	64	33007	19.607	ug/l	91
7) Trichlorofluoromethane	3.26	101	44493	20.332	ug/l	100
8) Diethyl Ether	3.68	74	22835	19.634	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50793	22.148	ug/l	97
10) Methyl Iodide	4.27	142	82031	21.491	ug/l	99
11) Tert butyl alcohol	5.20	59	14020	97.373	ug/l	98
12) 1,1-Dichloroethene	4.03	96	46778	21.681	ug/l	90
13) Acrolein	3.89	56	14276	102.468	ug/l	95
14) Allyl chloride	4.67	41	62496	20.258	ug/l	99
15) Acrylonitrile	5.37	53	44370	106.367	ug/l	99
16) Acetone	4.14	43	52453	123.082	ug/l	100
17) Carbon Disulfide	4.38	76	118838	18.250	ug/l	98
18) Methyl Acetate	4.68	43	22498	20.882	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	69955	21.287	ug/l	96
20) Methylene Chloride	4.92	84	58133	24.844	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	52612	21.846	ug/l	96
22) Diisopropyl ether	6.32	45	131870	21.631	ug/l	99
23) Vinyl Acetate	6.26	43	360888	100.307	ug/l	99
24) 1,1-Dichloroethane	6.22	63	87625	22.275	ug/l	98
25) 2-Butanone	7.18	43	64719	111.903	ug/l	98
26) 2,2-Dichloropropane	7.17	77	57948	20.886	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	58736	22.101	ug/l	99
28) Bromochloromethane	7.51	49	28649	18.865	ug/l	96
29) Tetrahydrofuran	7.54	42	35858	100.867	ug/l	100
30) Chloroform	7.68	83	94889	22.140	ug/l	99
31) Cyclohexane	7.96	56	82038	20.942	ug/l	92
32) 1,1,1-Trichloroethane	7.88	97	83531	21.606	ug/l	99
36) 1,1-Dichloropropene	8.09	75	76717	22.602	ug/l	98
37) Ethyl Acetate	7.26	43	26081	20.681	ug/l	99
38) Carbon Tetrachloride	8.07	117	77764	20.899	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	99149	21.975	ug/l	97
40) Benzene	8.33	78	209934	22.548	ug/l	98
41) Methacrylonitrile	7.49	41	16703	21.971	ug/l	99
42) 1,2-Dichloroethane	8.40	62	59966	21.922	ug/l	100
43) Isopropyl Acetate	8.43	43	51165	19.843	ug/l	99
44) Trichloroethene	9.10	130	63730	22.311	ug/l	99
45) 1,2-Dichloropropane	9.37	63	48750	21.881	ug/l	97
46) Dibromomethane	9.46	93	27215	21.432	ug/l	99
47) Bromodichloromethane	9.65	83	63731	20.701	ug/l	99
48) Methyl methacrylate	9.44	41	24348	19.921	ug/l	95
49) 1,4-Dioxane	9.46	88	8000	409.235	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	135644	104.995	ug/l	100
52) Toluene	10.39	92	139898	22.412	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	60348	19.674	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	72592	20.621	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	38299	21.553	ug/l	96
56) Ethyl methacrylate	10.65	69	44577	20.463	ug/l	98
57) 1,3-Dichloropropane	10.94	76	64637	21.973	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	88872	106.765	ug/l	100
59) 2-Hexanone	10.98	43	98627	106.946	ug/l	99
60) Dibromochloromethane	11.13	129	43087	19.466	ug/l	100
61) 1,2-Dibromoethane	11.24	107	38265	21.551	ug/l	97
64) Tetrachloroethene	10.87	164	58045	22.379	ug/l	99
65) Chlorobenzene	11.66	112	162678	22.744	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	54210	21.327	ug/l	99
67) Ethyl Benzene	11.74	91	280524	22.631	ug/l	99
68) m/p-Xylenes	11.85	106	219003	44.700	ug/l	98
69) o-Xylene	12.17	106	104375	22.354	ug/l	99
70) Styrene	12.19	104	168402	22.179	ug/l	99
71) Bromoform	12.35	173	25828	18.217	ug/l #	99
73) Isopropylbenzene	12.47	105	293737	22.032	ug/l	99
74) N-amyl acetate	12.28	43	50376	19.454	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	44049	21.722	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	28756m	19.949	ug/l	
77) Bromobenzene	12.75	156	71573	21.917	ug/l	98
78) n-propylbenzene	12.81	91	347263	22.388	ug/l	100
79) 2-Chlorotoluene	12.90	91	194222	22.286	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	248797	22.136	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	9640	15.986	ug/l	86
82) 4-Chlorotoluene	12.99	91	203080	22.245	ug/l	100
83) tert-Butylbenzene	13.21	119	222603	22.136	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	252608	22.210	ug/l	100
85) sec-Butylbenzene	13.39	105	320286	22.545	ug/l	100
86) p-Isopropyltoluene	13.51	119	286854	22.324	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	146311	22.513	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	143385	22.159	ug/l	99
89) n-Butylbenzene	13.83	91	266690	22.694	ug/l	100
90) Hexachloroethane	14.10	117	41025	18.848	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	128939	22.242	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6528	17.980	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	100322	22.491	ug/l	99
94) Hexachlorobutadiene	15.24	225	62453	22.288	ug/l	100
95) Naphthalene	15.38	128	154684	20.847	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	84902	22.006	ug/l	99

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

