

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102918\
 Data File : VW006424.D
 Acq On : 27 Oct 2018 01:49
 Operator : SY/AP
 Sample : VW1029SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

Manual Integrations
 APPROVED

apatel
 10/29/2018 10:03:49 AM

Quant Time: Oct 29 09:41:04 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	209098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	304310	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	278125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	156504	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	88473	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
35) Dibromofluoromethane	7.88	113	91518	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
50) Toluene-d8	10.32	98	333418	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
62) 4-Bromofluorobenzene	12.62	95	124812	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	18766m	18.136	ug/l	
3) Chloromethane	2.21	50	26377	19.803	ug/l	100
4) Vinyl Chloride	2.37	62	38485	20.232	ug/l	100
5) Bromomethane	2.79	94	36324	20.996	ug/l	97
6) Chloroethane	2.92	64	30916	22.680	ug/l	100
7) Trichlorofluoromethane	3.26	101	35103	19.810	ug/l	100
8) Diethyl Ether	3.68	74	20322	21.579	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40069	21.577	ug/l	98
10) Methyl Iodide	4.26	142	67163	21.730	ug/l	98
11) Tert butyl alcohol	5.23	59	12064	103.475	ug/l #	92
12) 1,1-Dichloroethene	4.03	96	36924	21.135	ug/l	94
13) Acrolein	3.90	56	10161	90.068	ug/l	91
14) Allyl chloride	4.67	41	49359	19.759	ug/l	98
15) Acrylonitrile	5.38	53	39491	116.914	ug/l	98
16) Acetone	4.14	43	36384	103.180	ug/l	95
17) Carbon Disulfide	4.37	76	94136	17.853	ug/l	100
18) Methyl Acetate	4.68	43	19517	22.372	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	57575	21.637	ug/l	96
20) Methylene Chloride	4.91	84	45389	23.895	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	44270	22.702	ug/l	95
22) Diisopropyl ether	6.32	45	108838	22.048	ug/l	98
23) Vinyl Acetate	6.26	43	303910	104.318	ug/l	98
24) 1,1-Dichloroethane	6.21	63	73022	22.924	ug/l	97
25) 2-Butanone	7.18	43	51260	109.457	ug/l	100
26) 2,2-Dichloropropane	7.17	77	43048	19.161	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	48730	22.644	ug/l	100
28) Bromochloromethane	7.51	49	25305	20.578	ug/l	95
29) Tetrahydrofuran	7.54	42	31829	110.571	ug/l	98
30) Chloroform	7.68	83	81297	23.425	ug/l	100
31) Cyclohexane	7.95	56	61683	19.445	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	66455	21.228	ug/l	99
36) 1,1-Dichloropropene	8.08	75	61026	21.757	ug/l	99
37) Ethyl Acetate	7.26	43	23926	22.959	ug/l	98
38) Carbon Tetrachloride	8.07	117	62188	20.225	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	73505	19.715	ug/l	99
40) Benzene	8.32	78	177124	23.021	ug/l	99
41) Methacrylonitrile	7.49	41	14201	22.605	ug/l	98
42) 1,2-Dichloroethane	8.40	62	52451	23.203	ug/l	99
43) Isopropyl Acetate	8.43	43	43735	20.525	ug/l	97
44) Trichloroethene	9.09	130	53116	22.502	ug/l	97
45) 1,2-Dichloropropane	9.37	63	41689	22.643	ug/l	98
46) Dibromomethane	9.46	93	24105	22.971	ug/l	99
47) Bromodichloromethane	9.65	83	54691	21.497	ug/l	99
48) Methyl methacrylate	9.44	41	21287	21.076	ug/l	94
49) 1,4-Dioxane	9.49	88	7532	466.250	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	116301	108.937	ug/l	99
52) Toluene	10.39	92	115303	22.353	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	50559	19.946	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	60577	20.823	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	35284	24.028	ug/l	98
56) Ethyl methacrylate	10.65	69	37901	21.054	ug/l	98
57) 1,3-Dichloropropane	10.93	76	55982	23.030	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	78880	114.671	ug/l	100
59) 2-Hexanone	10.98	43	76583	100.491	ug/l	97
60) Dibromochloromethane	11.13	129	38457	21.025	ug/l	100
61) 1,2-Dibromoethane	11.24	107	33087	22.550	ug/l	100
64) Tetrachloroethene	10.87	164	49541	22.945	ug/l	97
65) Chlorobenzene	11.66	112	136029	22.847	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	45243	21.383	ug/l	98
67) Ethyl Benzene	11.73	91	224161	21.725	ug/l	98
68) m/p-Xylenes	11.84	106	178021	43.651	ug/l	99
69) o-Xylene	12.17	106	85050	21.882	ug/l	97
70) Styrene	12.18	104	135564	21.449	ug/l	98
71) Bromoform	12.35	173	23028	19.512	ug/l #	99
73) Isopropylbenzene	12.47	105	232548	21.033	ug/l	100
74) N-amyl acetate	12.28	43	41786	19.458	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	39117	23.261	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	29120m	24.360	ug/l	
77) Bromobenzene	12.75	156	60361	22.289	ug/l	99
78) n-propylbenzene	12.81	91	276579	21.501	ug/l	99
79) 2-Chlorotoluene	12.90	91	153988	21.306	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	199932	21.450	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	8593	17.183	ug/l	91
82) 4-Chlorotoluene	12.99	91	164625	21.744	ug/l	100
83) tert-Butylbenzene	13.21	119	174995	20.984	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	200381	21.245	ug/l	100
85) sec-Butylbenzene	13.39	105	250445	21.258	ug/l	100
86) p-Isopropyltoluene	13.51	119	225678	21.178	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	119901	22.247	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	119034	22.182	ug/l	99
89) n-Butylbenzene	13.83	91	198977	20.417	ug/l	99
90) Hexachloroethane	14.10	117	34150	18.920	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	107606	22.383	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5808	19.290	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	78947	21.342	ug/l	99
94) Hexachlorobutadiene	15.24	225	49328	21.228	ug/l	98
95) Naphthalene	15.38	128	129038	20.970	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	70443	22.017	ug/l	100

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

