

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102518\
 Data File : VW006333.D
 Acq On : 24 Oct 2018 23:45
 Operator : SY/AP
 Sample : VW1024SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBS01

Manual Integrations
 APPROVED

apatel
 10/25/2018 12:47:41 PM

Quant Time: Oct 25 07:07:14 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	230731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	337370	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	307937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171041	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	95297	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
35) Dibromofluoromethane	7.88	113	97969	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	10.33	98	365783	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
62) 4-Bromofluorobenzene	12.62	95	139255	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	19878m	17.410	ug/l	
3) Chloromethane	2.21	50	28195	19.184	ug/l	97
4) Vinyl Chloride	2.37	62	41142	19.601	ug/l	98
5) Bromomethane	2.79	94	39402	20.639	ug/l	100
6) Chloroethane	2.93	64	33105	22.009	ug/l	95
7) Trichlorofluoromethane	3.26	101	38369	19.623	ug/l	100
8) Diethyl Ether	3.68	74	21308	20.505	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42955	20.963	ug/l	97
10) Methyl Iodide	4.26	142	71509	20.967	ug/l	99
11) Tert butyl alcohol	5.23	59	13143	102.161	ug/l #	92
12) 1,1-Dichloroethene	4.03	96	40864	21.197	ug/l	88
13) Acrolein	3.90	56	11784	94.661	ug/l	96
14) Allyl chloride	4.67	41	55560	20.156	ug/l	99
15) Acrylonitrile	5.38	53	41967	112.595	ug/l	99
16) Acetone	4.14	43	39825	102.223	ug/l	100
17) Carbon Disulfide	4.38	76	103938	17.864	ug/l	99
18) Methyl Acetate	4.68	43	22436	23.307	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	64151	21.848	ug/l	100
20) Methylene Chloride	4.91	84	48022	22.842	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	46682	21.694	ug/l	98
22) Diisopropyl ether	6.31	45	120328	22.090	ug/l	97
23) Vinyl Acetate	6.26	43	337986	105.137	ug/l	98
24) 1,1-Dichloroethane	6.22	63	80192	22.815	ug/l	97
25) 2-Butanone	7.18	43	56253	108.856	ug/l	98
26) 2,2-Dichloropropane	7.17	77	47272	19.069	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	54984	23.155	ug/l	97
28) Bromochloromethane	7.51	49	26306	19.386	ug/l	98
29) Tetrahydrofuran	7.54	42	34586	108.883	ug/l	97
30) Chloroform	7.68	83	87361	22.813	ug/l	98
31) Cyclohexane	7.95	56	69232	19.779	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	73639	21.317	ug/l	99
36) 1,1-Dichloropropene	8.09	75	67281	21.636	ug/l	100
37) Ethyl Acetate	7.26	43	24270	21.007	ug/l	98
38) Carbon Tetrachloride	8.07	117	69107	20.273	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	84393	20.417	ug/l	97
40) Benzene	8.32	78	191012	22.393	ug/l	98
41) Methacrylonitrile	7.49	41	13634	19.576	ug/l	87
42) 1,2-Dichloroethane	8.40	62	56585	22.579	ug/l	99
43) Isopropyl Acetate	8.43	43	48853	20.681	ug/l	100
44) Trichloroethene	9.10	130	58835	22.482	ug/l	95
45) 1,2-Dichloropropane	9.37	63	44987	22.040	ug/l	96
46) Dibromomethane	9.46	93	25782	22.162	ug/l	99
47) Bromodichloromethane	9.65	83	59124	20.962	ug/l	100
48) Methyl methacrylate	9.44	41	23337	20.841	ug/l	95
49) 1,4-Dioxane	9.48	88	7587	423.631	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	127745	107.931	ug/l	99
52) Toluene	10.39	92	126944	22.198	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	56421	20.078	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	65686	20.367	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	37165	22.829	ug/l	97
56) Ethyl methacrylate	10.65	69	42848	21.469	ug/l	99
57) 1,3-Dichloropropane	10.93	76	60715	22.529	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	83814	109.904	ug/l	99
59) 2-Hexanone	10.98	43	85801	101.554	ug/l	97
60) Dibromochloromethane	11.13	129	41904	20.665	ug/l	99
61) 1,2-Dibromoethane	11.24	107	35884	22.060	ug/l	100
64) Tetrachloroethene	10.87	164	54214	22.679	ug/l	96
65) Chlorobenzene	11.66	112	148414	22.514	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	50155	21.409	ug/l	99
67) Ethyl Benzene	11.73	91	251477	22.013	ug/l	99
68) m/p-Xylenes	11.84	106	198440	43.947	ug/l	100
69) o-Xylene	12.17	106	94652	21.995	ug/l	99
70) Styrene	12.18	104	154538	22.084	ug/l	99
71) Bromoform	12.35	173	25428	19.460	ug/l #	100
73) Isopropylbenzene	12.47	105	263842	21.835	ug/l	100
74) N-amyl acetate	12.28	43	47617	20.289	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	42561	23.158	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	26240m	20.085	ug/l	
77) Bromobenzene	12.75	156	66377	22.427	ug/l	99
78) n-propylbenzene	12.81	91	309844	22.040	ug/l	100
79) 2-Chlorotoluene	12.90	91	174865	22.138	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	222590	21.851	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9852	18.027	ug/l	92
82) 4-Chlorotoluene	12.99	91	185189	22.382	ug/l	100
83) tert-Butylbenzene	13.21	119	200589	22.009	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	228545	22.172	ug/l	100
85) sec-Butylbenzene	13.39	105	282414	21.934	ug/l	100
86) p-Isopropyltoluene	13.51	119	253401	21.758	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	134034	22.755	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	133096	22.695	ug/l	99
89) n-Butylbenzene	13.83	91	232779	21.856	ug/l	99
90) Hexachloroethane	14.10	117	39050	19.796	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	118837	22.618	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6634	20.161	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	99687	24.659	ug/l	99
94) Hexachlorobutadiene	15.24	225	55847	21.991	ug/l	98
95) Naphthalene	15.38	128	147009	21.860	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	79947	22.864	ug/l	99

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

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