

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005897.D
 Acq On : 08 Oct 2018 15:59
 Operator : SY/AP
 Sample : VW1008SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD01

Manual Integrations
 APPROVED

apatel
 10/9/2018 4:24:01 PM

Quant Time: Oct 09 07:03:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	306169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	446466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	407794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	225108	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	143765	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
35) Dibromofluoromethane	7.88	113	141986	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	10.32	98	555894	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.62	95	207679	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.01	85	29013	19.34	ug/l	100
3) Chloromethane	2.21	50	32696	18.53	ug/l	96
4) Vinyl Chloride	2.37	62	54344	19.40	ug/l	98
5) Bromomethane	2.78	94	45038	20.37	ug/l	99
6) Chloroethane	2.93	64	35519	19.90	ug/l	98
7) Trichlorofluoromethane	3.25	101	43934	19.75	ug/l	98
8) Diethyl Ether	3.68	74	26347	19.25	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	52631	18.75	ug/l	99
10) Methyl Iodide	4.26	142	83605	18.21	ug/l	100
11) Tert butyl alcohol	5.21	59	19559	89.79	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	49314	18.30	ug/l	97
13) Acrolein	3.89	56	18867	97.19	ug/l	92
14) Allyl chloride	4.66	41	81117	17.65	ug/l	99
15) Acrylonitrile	5.38	53	55846	93.75	ug/l	99
16) Acetone	4.14	43	60097	101.23	ug/l	96
17) Carbon Disulfide	4.37	76	140355	17.22	ug/l	97
18) Methyl Acetate	4.68	43	26857	17.93	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	79199	18.89	ug/l	97
20) Methylene Chloride	4.92	84	56734	19.07	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	54984	18.72	ug/l	99
22) Diisopropyl ether	6.31	45	159326	18.54	ug/l	99
23) Vinyl Acetate	6.26	43	493806	93.38	ug/l	99
24) 1,1-Dichloroethane	6.21	63	96362	18.33	ug/l	99
25) 2-Butanone	7.18	43	82491	97.69	ug/l	98
26) 2,2-Dichloropropane	7.17	77	70899	19.16	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	62814	18.91	ug/l	98
28) Bromochloromethane	7.51	49	38257	19.71	ug/l	99
29) Tetrahydrofuran	7.54	42	48420	90.71	ug/l	99
30) Chloroform	7.68	83	101073	18.71	ug/l	97
31) Cyclohexane	7.96	56	92808	17.84	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	91398	19.00	ug/l	99
36) 1,1-Dichloropropene	8.09	75	79262	18.53	ug/l	100
37) Ethyl Acetate	7.26	43	34168	18.86	ug/l	98
38) Carbon Tetrachloride	8.07	117	85659	18.64	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	105787	18.75	ug/l	99
40) Benzene	8.32	78	219385	18.74	ug/l	99
41) Methacrylonitrile	7.49	41	19230	16.95	ug/l	93
42) 1,2-Dichloroethane	8.40	62	64508	18.24	ug/l	98
43) Isopropyl Acetate	8.43	43	70166	18.54	ug/l	99
44) Trichloroethene	9.09	130	65633	19.32	ug/l	100
45) 1,2-Dichloropropane	9.37	63	54815	18.70	ug/l	95
46) Dibromomethane	9.46	93	30593	18.99	ug/l	99
47) Bromodichloromethane	9.65	83	75865	18.72	ug/l	98
48) Methyl methacrylate	9.44	41	33511	18.59	ug/l	99
49) 1,4-Dioxane	9.47	88	9709	396.81	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	177611	96.38	ug/l	99
52) Toluene	10.39	92	146262	19.01	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	79033	18.66	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	89321	18.76	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	42536	19.07	ug/l	99
56) Ethyl methacrylate	10.65	69	56592	18.82	ug/l	98
57) 1,3-Dichloropropane	10.93	76	70842	18.87	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	121303	99.14	ug/l	99
59) 2-Hexanone	10.97	43	129285	97.84	ug/l	99
60) Dibromochloromethane	11.13	129	54321	18.87	ug/l	100
61) 1,2-Dibromoethane	11.24	107	42940	19.26	ug/l	98
64) Tetrachloroethene	10.87	164	57945	19.08	ug/l	99
65) Chlorobenzene	11.66	112	168992	19.35	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	61837	19.31	ug/l	99
67) Ethyl Benzene	11.74	91	295574	19.16	ug/l	99
68) m/p-Xylenes	11.84	106	230863	38.29	ug/l	99
69) o-Xylene	12.17	106	110107	19.07	ug/l	99
70) Styrene	12.18	104	182663	19.07	ug/l	99
71) Bromoform	12.35	173	36333	19.05	ug/l #	98
73) Isopropylbenzene	12.47	105	309788	18.84	ug/l	100
74) N-amyl acetate	12.27	43	72289	18.51	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	50787	18.85	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	39954m	19.87	ug/l	
77) Bromobenzene	12.75	156	75048	19.27	ug/l	98
78) n-propylbenzene	12.81	91	364711	18.86	ug/l	100
79) 2-Chlorotoluene	12.90	91	204074	18.69	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	259683	18.71	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	17236	18.10	ug/l	99
82) 4-Chlorotoluene	12.99	91	215825	18.79	ug/l	99
83) tert-Butylbenzene	13.21	119	234274	18.98	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	266793	19.06	ug/l	100
85) sec-Butylbenzene	13.39	105	332403	19.18	ug/l	100
86) p-Isopropyltoluene	13.51	119	297682	19.10	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	149046	19.26	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	147062	19.13	ug/l	99
89) n-Butylbenzene	13.83	91	281230	19.15	ug/l	99
90) Hexachloroethane	14.10	117	54176	18.48	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	133691	19.46	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9327	18.57	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	104145	19.55	ug/l	99
94) Hexachlorobutadiene	15.24	225	63906	19.22	ug/l	99
95) Naphthalene	15.38	128	179134	19.51	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	89155	19.33	ug/l	98

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

