

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005912.D
 Acq On : 09 Oct 2018 00:36
 Operator : SY/AP
 Sample : VW1008SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

Manual Integrations
 APPROVED

apatel
 10/9/2018 4:35:35 PM

Quant Time: Oct 09 07:56:56 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	262081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	390061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	357957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	196673	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	121891	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
35) Dibromofluoromethane	7.88	113	122675	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
50) Toluene-d8	10.33	98	471427	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
62) 4-Bromofluorobenzene	12.62	95	172923	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	21898	17.05	ug/l	95
3) Chloromethane	2.21	50	26793	17.74	ug/l	98
4) Vinyl Chloride	2.37	62	45150	18.83	ug/l	95
5) Bromomethane	2.78	94	41750	22.06	ug/l	100
6) Chloroethane	2.93	64	31603	20.68	ug/l	99
7) Trichlorofluoromethane	3.26	101	34901	18.33	ug/l	93
8) Diethyl Ether	3.68	74	23078	19.70	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44175	18.39	ug/l	99
10) Methyl Iodide	4.26	142	75205	19.14	ug/l	99
11) Tert butyl alcohol	5.23	59	17801	95.47	ug/l #	91
12) 1,1-Dichloroethene	4.04	96	42156	18.27	ug/l	89
13) Acrolein	3.90	56	14687	88.39	ug/l	94
14) Allyl chloride	4.67	41	64669	16.44	ug/l	98
15) Acrylonitrile	5.37	53	47837	93.82	ug/l	99
16) Acetone	4.14	43	40854	80.39	ug/l	100
17) Carbon Disulfide	4.38	76	116499	16.70	ug/l	97
18) Methyl Acetate	4.68	43	22156	17.28	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	71411	19.90	ug/l	98
20) Methylene Chloride	4.91	84	49789	19.55	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	46746	18.59	ug/l	99
22) Diisopropyl ether	6.32	45	137292	18.67	ug/l	98
23) Vinyl Acetate	6.26	43	407225	89.96	ug/l	99
24) 1,1-Dichloroethane	6.21	63	82314	18.29	ug/l	99
25) 2-Butanone	7.18	43	63723	88.16	ug/l	100
26) 2,2-Dichloropropane	7.17	77	53300	16.83	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	54664	19.22	ug/l	97
28) Bromochloromethane	7.51	49	32267	19.42	ug/l	95
29) Tetrahydrofuran	7.54	42	41957	91.83	ug/l	98
30) Chloroform	7.68	83	88347	19.11	ug/l	100
31) Cyclohexane	7.96	56	75143	16.87	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	77680	18.87	ug/l	99
36) 1,1-Dichloropropene	8.08	75	66947	17.91	ug/l	99
37) Ethyl Acetate	7.26	43	28889	18.25	ug/l	98
38) Carbon Tetrachloride	8.07	117	73585	18.32	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	85922	17.43	ug/l	96
40) Benzene	8.32	78	190338	18.61	ug/l	99
41) Methacrylonitrile	7.49	41	16911	17.07	ug/l	95
42) 1,2-Dichloroethane	8.40	62	57296	18.54	ug/l	99
43) Isopropyl Acetate	8.43	43	59797	18.09	ug/l	99
44) Trichloroethene	9.09	130	56133	18.91	ug/l	96
45) 1,2-Dichloropropane	9.37	63	47894	18.70	ug/l	96
46) Dibromomethane	9.46	93	27051	19.22	ug/l	98
47) Bromodichloromethane	9.65	83	65125	18.39	ug/l	98
48) Methyl methacrylate	9.44	41	27897	17.71	ug/l	96
49) 1,4-Dioxane	9.48	88	8776	410.55	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	149704	92.98	ug/l	99
52) Toluene	10.39	92	125679	18.70	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	65318	17.65	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	74885	18.00	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	37071	19.02	ug/l	99
56) Ethyl methacrylate	10.65	69	47964	18.26	ug/l	98
57) 1,3-Dichloropropane	10.93	76	60984	18.60	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	104501	97.76	ug/l	99
59) 2-Hexanone	10.98	43	102176	88.51	ug/l	99
60) Dibromochloromethane	11.13	129	46890	18.64	ug/l	98
61) 1,2-Dibromoethane	11.24	107	36664	18.82	ug/l	99
64) Tetrachloroethene	10.87	164	52817	19.81	ug/l	99
65) Chlorobenzene	11.66	112	146962	19.17	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	53539	19.05	ug/l	99
67) Ethyl Benzene	11.74	91	251457	18.57	ug/l	97
68) m/p-Xylenes	11.84	106	196570	37.14	ug/l	99
69) o-Xylene	12.17	106	95428	18.83	ug/l	99
70) Styrene	12.18	104	155973	18.55	ug/l	98
71) Bromoform	12.35	173	30335	18.12	ug/l #	100
73) Isopropylbenzene	12.47	105	263674	18.36	ug/l	99
74) N-amyl acetate	12.28	43	59828	17.54	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	44069	18.72	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	33208m	18.90	ug/l	
77) Bromobenzene	12.75	156	65230	19.17	ug/l	96
78) n-propylbenzene	12.81	91	307552	18.20	ug/l	100
79) 2-Chlorotoluene	12.90	91	174988	18.35	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	220741	18.20	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	12422	14.93	ug/l	92
82) 4-Chlorotoluene	12.99	91	182646	18.20	ug/l	98
83) tert-Butylbenzene	13.21	119	197957	18.35	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	225401	18.43	ug/l	99
85) sec-Butylbenzene	13.39	105	278515	18.40	ug/l	99
86) p-Isopropyltoluene	13.51	119	252101	18.52	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	126897	18.77	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	127962	19.05	ug/l	99
89) n-Butylbenzene	13.83	91	232409	18.11	ug/l	99
90) Hexachloroethane	14.10	117	44709	17.46	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	114885	19.14	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7848	17.89	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	88752	19.07	ug/l	100
94) Hexachlorobutadiene	15.24	225	53727	18.50	ug/l	99
95) Naphthalene	15.38	128	156592	19.52	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	77920	19.34	ug/l	100

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

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