

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006791.D
 Acq On : 09 Nov 2018 17:41
 Operator : SY/AP
 Sample : VW1109SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1109SBS01

Manual Integrations
 APPROVED

apatel
 11/12/2018 3:41:13 PM

Quant Time: Nov 12 05:00:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	325035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	431826	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	425817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	241153	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	120770	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
35) Dibromofluoromethane	7.89	113	123680	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
50) Toluene-d8	10.33	98	510024	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
62) 4-Bromofluorobenzene	12.62	95	189502	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	57951	21.929	ug/l	99
3) Chloromethane	2.21	50	66086	20.830	ug/l	99
4) Vinyl Chloride	2.36	62	67857	20.345	ug/l	99
5) Bromomethane	2.78	94	45219	18.437	ug/l	98
6) Chloroethane	2.92	64	44216	20.257	ug/l	100
7) Trichlorofluoromethane	3.26	101	87263	20.823	ug/l	94
8) Diethyl Ether	3.69	74	26395	21.650	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	57076	20.497	ug/l	100
10) Methyl Iodide	4.28	142	82045	21.208	ug/l	99
11) Tert butyl alcohol	5.21	59	19024	121.337	ug/l #	84
12) 1,1-Dichloroethene	4.04	96	48336	20.817	ug/l	96
13) Acrolein	3.90	56	18426	112.842	ug/l	98
14) Allyl chloride	4.68	41	63230	20.201	ug/l	99
15) Acrylonitrile	5.38	53	51029	104.568	ug/l	99
16) Acetone	4.15	43	35062	101.682	ug/l	91
17) Carbon Disulfide	4.39	76	149251	19.486	ug/l	98
18) Methyl Acetate	4.68	43	24028	19.857	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	125208	22.016	ug/l	97
20) Methylene Chloride	4.93	84	65066	19.745	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	57619	20.746	ug/l	99
22) Diisopropyl ether	6.32	45	140556	21.308	ug/l	98
23) Vinyl Acetate	6.27	43	417596	111.000	ug/l	99
24) 1,1-Dichloroethane	6.22	63	88580	20.528	ug/l	99
25) 2-Butanone	7.18	43	62805	110.313	ug/l	98
26) 2,2-Dichloropropane	7.18	77	85264	20.739	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	60957	20.483	ug/l	99
28) Bromochloromethane	7.51	49	32085	19.852	ug/l	97
29) Tetrahydrofuran	7.54	42	39113	104.816	ug/l	100
30) Chloroform	7.68	83	96661	20.216	ug/l	98
31) Cyclohexane	7.96	56	93623	21.067	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	94244	20.769	ug/l	99
36) 1,1-Dichloropropene	8.09	75	83538	21.319	ug/l	99
37) Ethyl Acetate	7.26	43	30576	21.972	ug/l	98
38) Carbon Tetrachloride	8.07	117	88606	21.164	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	101445	20.334	ug/l	100
40) Benzene	8.33	78	226067	20.431	ug/l	99
41) Methacrylonitrile	7.49	41	17183	21.284	ug/l	93
42) 1,2-Dichloroethane	8.41	62	63475	21.075	ug/l	99
43) Isopropyl Acetate	8.43	43	56376	21.611	ug/l	99
44) Trichloroethene	9.10	130	71357	20.975	ug/l	98
45) 1,2-Dichloropropane	9.37	63	55815	21.478	ug/l	97
46) Dibromomethane	9.46	93	29249	20.047	ug/l	98
47) Bromodichloromethane	9.65	83	74672	21.092	ug/l	99
48) Methyl methacrylate	9.44	41	26201	21.326	ug/l	96
49) 1,4-Dioxane	9.48	88	8300	379.988	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	140791	105.047	ug/l	99
52) Toluene	10.39	92	158189	20.335	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	71145	20.724	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	86900	21.350	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	45587	21.210	ug/l	99
56) Ethyl methacrylate	10.65	69	49143	20.705	ug/l	99
57) 1,3-Dichloropropane	10.94	76	72807	21.190	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	131795	111.501	ug/l	100
59) 2-Hexanone	10.98	43	97349	107.176	ug/l	100
60) Dibromochloromethane	11.13	129	53730	20.797	ug/l	99
61) 1,2-Dibromoethane	11.24	107	43555	21.063	ug/l	99
64) Tetrachloroethene	10.87	164	64689	19.894	ug/l	100
65) Chlorobenzene	11.66	112	183439	20.239	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	59574	20.518	ug/l	99
67) Ethyl Benzene	11.74	91	307429	20.162	ug/l	98
68) m/p-Xylenes	11.85	106	249654	40.141	ug/l	99
69) o-Xylene	12.17	106	117043	20.441	ug/l	99
70) Styrene	12.19	104	188092	20.210	ug/l	100
71) Bromoform	12.35	173	32256	20.055	ug/l #	98
73) Isopropylbenzene	12.47	105	315435	20.330	ug/l	100
74) N-amyl acetate	12.28	43	52462	20.744	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	48350	20.916	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	38121m	21.677	ug/l	
77) Bromobenzene	12.75	156	82344	20.525	ug/l	100
78) n-propylbenzene	12.81	91	375267	20.355	ug/l	100
79) 2-Chlorotoluene	12.90	91	211200	20.336	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	272900	20.300	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13606	20.571	ug/l	94
82) 4-Chlorotoluene	12.99	91	228778	20.611	ug/l	99
83) tert-Butylbenzene	13.21	119	236280	20.340	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	282820	20.533	ug/l	100
85) sec-Butylbenzene	13.39	105	339686	20.432	ug/l	100
86) p-Isopropyltoluene	13.51	119	309433	20.405	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	165010	20.245	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	164005	20.203	ug/l	99
89) n-Butylbenzene	13.83	91	281040	20.079	ug/l	99
90) Hexachloroethane	14.10	117	48492	20.382	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	144965	20.331	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7658	20.517	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	108905	20.632	ug/l	100
94) Hexachlorobutadiene	15.24	225	66418	19.994	ug/l	99
95) Naphthalene	15.38	128	166143	20.571	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	94569	20.711	ug/l	99

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

