

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081619\
 Data File : VW011932.D
 Acq On : 15 Aug 2019 17:00
 Operator : SY/VA
 Sample : VW0816SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0816SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/16/2019 8:27:13 AM

Quant Time: Aug 15 17:41:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	206570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	333337	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	292598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	143051	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	129834	54.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.48%	
35) Dibromofluoromethane	7.88	113	105602	56.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.94%	
50) Toluene-d8	10.32	98	424713	55.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.94%	
62) 4-Bromofluorobenzene	12.62	95	150678	55.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.40%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	27378	23.781	ug/l 97
3) Chloromethane	2.21	50	41630	20.854	ug/l 100
4) Vinyl Chloride	2.36	62	51556	21.452	ug/l 99
5) Bromomethane	2.76	94	24391	18.335	ug/l 92
6) Chloroethane	2.91	64	27452	19.996	ug/l 100
7) Trichlorofluoromethane	3.24	101	25119	23.386	ug/l 99
8) Diethyl Ether	3.68	74	25201	20.693	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44906	22.039	ug/l 98
10) Methyl Iodide	4.27	142	58589	20.347	ug/l 99
11) Tert butyl alcohol	5.18	59	14617	70.713	ug/l 97
12) 1,1-Dichloroethene	4.04	96	43084	20.027	ug/l 95
13) Acrolein	3.90	56	10879	63.920	ug/l 97
14) Allyl chloride	4.67	41	95897	20.958	ug/l 99
15) Acrylonitrile	5.37	53	60833	100.066	ug/l 98
16) Acetone	4.12	43	58972	78.158	ug/l 98
17) Carbon Disulfide	4.38	76	131992	19.603	ug/l 100
18) Methyl Acetate	4.67	43	33909	20.005	ug/l 97
19) Methyl tert-butyl Ether	5.42	73	69982	20.499	ug/l 100
20) Methylene Chloride	4.91	84	55685	21.399	ug/l 98
21) trans-1,2-Dichloroethene	5.42	96	49278	21.246	ug/l 97
22) Diisopropyl ether	6.31	45	183079	21.222	ug/l 99
23) Vinyl Acetate	6.26	43	545198	100.577	ug/l 99
24) 1,1-Dichloroethane	6.21	63	99478	21.531	ug/l 99
25) 2-Butanone	7.17	43	87035	88.153	ug/l 99
26) 2,2-Dichloropropane	7.16	77	54359	19.131	ug/l 100
27) cis-1,2-Dichloroethene	7.17	96	53607	21.000	ug/l 98
28) Bromochloromethane	7.51	49	46373	22.613	ug/l 99
29) Tetrahydrofuran	7.53	42	55878	99.011	ug/l 100
30) Chloroform	7.68	83	92217	21.634	ug/l 99
31) Cyclohexane	7.95	56	93130	20.999	ug/l 96
32) 1,1,1-Trichloroethane	7.87	97	70992	21.869	ug/l 99
36) 1,1-Dichloropropene	8.09	75	74620	21.529	ug/l 99
37) Ethyl Acetate	7.25	43	38669	19.391	ug/l 98
38) Carbon Tetrachloride	8.07	117	64984	21.901	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	81691	21.404	ug/l	98
40) Benzene	8.32	78	208736	21.500	ug/l	99
41) Methacrylonitrile	7.48	41	24847	20.844	ug/l	95
42) 1,2-Dichloroethane	8.40	62	66062	21.733	ug/l	99
43) Isopropyl Acetate	8.43	43	72266	19.705	ug/l	100
44) Trichloroethene	9.09	130	50202	21.514	ug/l	100
45) 1,2-Dichloropropane	9.37	63	56236	21.648	ug/l	99
46) Dibromomethane	9.46	93	24872	20.977	ug/l	99
47) Bromodichloromethane	9.65	83	66053	21.238	ug/l	99
48) Methyl methacrylate	9.44	41	34947	19.837	ug/l	99
49) 1,4-Dioxane	9.45	88	6708	390.738	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	186380	97.705	ug/l	99
52) Toluene	10.39	92	126572	21.588	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	65464	20.150	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	78637	20.357	ug/l	93
55) 1,1,2-Trichloroethane	10.79	97	35506	21.106	ug/l	98
56) Ethyl methacrylate	10.65	69	48256	19.603	ug/l	97
57) 1,3-Dichloropropane	10.93	76	66683	20.952	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	129344	115.723	ug/l	99
59) 2-Hexanone	10.97	43	129136	95.878	ug/l	99
60) Dibromochloromethane	11.13	129	38199	20.456	ug/l	100
61) 1,2-Dibromoethane	11.24	107	32601	20.478	ug/l	99
64) Tetrachloroethene	10.86	164	41382	21.721	ug/l	97
65) Chlorobenzene	11.66	112	125419	21.320	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	43430	21.195	ug/l	100
67) Ethyl Benzene	11.73	91	240847	21.497	ug/l	99
68) m/p-Xylenes	11.84	106	175683	43.118	ug/l	100
69) o-Xylene	12.16	106	80266	21.200	ug/l	97
70) Styrene	12.18	104	141028	21.543	ug/l	99
71) Bromoform	12.35	173	20728	19.840	ug/l	# 97
73) Isopropylbenzene	12.46	105	224528	21.039	ug/l	99
74) N-amyl acetate	12.27	43	65878	19.717	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	41073	20.461	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	34798m	22.990	ug/l	
77) Bromobenzene	12.75	156	49166	20.843	ug/l	99
78) n-propylbenzene	12.80	91	277059	21.332	ug/l	100
79) 2-Chlorotoluene	12.89	91	158363	21.165	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	191869	21.448	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12392	18.868	ug/l	94
82) 4-Chlorotoluene	12.99	91	166390	21.195	ug/l	100
83) tert-Butylbenzene	13.21	119	160066	21.397	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	193387	21.460	ug/l	98
85) sec-Butylbenzene	13.38	105	229714	21.520	ug/l	100
86) p-Isopropyltoluene	13.50	119	208359	21.514	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	97891	21.165	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	96458	20.965	ug/l	98
89) n-Butylbenzene	13.82	91	205777	21.291	ug/l	99
90) Hexachloroethane	14.09	117	36321	21.209	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	86276	21.091	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6960	20.332	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	59612	20.677	ug/l	99
94) Hexachlorobutadiene	15.24	225	39194	21.800	ug/l	99
95) Naphthalene	15.37	128	97644	18.642	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	50906	20.144	ug/l	99

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

