

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080819\
 Data File : VW011743.D
 Acq On : 07 Aug 2019 11:47
 Operator : SY/VA
 Sample : VW0808SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/8/2019 9:30:45 AM

Quant Time: Aug 07 16:42:26 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	215632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	341763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	292496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	144122	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	134123	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	
35) Dibromofluoromethane	7.88	113	107625	56.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.26%	
50) Toluene-d8	10.32	98	441856	56.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.58%	
62) 4-Bromofluorobenzene	12.62	95	154868	55.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26586	22.123	ug/l	99
3) Chloromethane	2.21	50	38358	18.407	ug/l	99
4) Vinyl Chloride	2.36	62	48917	19.498	ug/l	96
5) Bromomethane	2.75	94	22123	15.931	ug/l	97
6) Chloroethane	2.90	64	25617	17.875	ug/l	96
7) Trichlorofluoromethane	3.25	101	22249	19.843	ug/l	89
8) Diethyl Ether	3.68	74	22493	17.694	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41655	19.585	ug/l	99
10) Methyl Iodide	4.26	142	52825	17.575	ug/l	99
11) Tert butyl alcohol	5.17	59	18021	86.993	ug/l	96
12) 1,1-Dichloroethene	4.03	96	41286	18.384	ug/l	99
13) Acrolein	3.89	56	16422	92.433	ug/l	98
14) Allyl chloride	4.66	41	89068	18.647	ug/l	99
15) Acrylonitrile	5.36	53	58106	91.563	ug/l	98
16) Acetone	4.12	43	60559	76.888	ug/l	97
17) Carbon Disulfide	4.37	76	126192	17.954	ug/l	98
18) Methyl Acetate	4.67	43	32524	18.381	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	63541	17.830	ug/l	97
20) Methylene Chloride	4.91	84	46888	17.261	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	44979	18.578	ug/l	99
22) Diisopropyl ether	6.31	45	162681	18.065	ug/l	96
23) Vinyl Acetate	6.25	43	506968	89.594	ug/l	100
24) 1,1-Dichloroethane	6.21	63	89360	18.528	ug/l	99
25) 2-Butanone	7.17	43	88547	85.915	ug/l	98
26) 2,2-Dichloropropane	7.17	77	53847	18.154	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	47708	17.904	ug/l	99
28) Bromochloromethane	7.51	49	49673	23.204	ug/l	100
29) Tetrahydrofuran	7.52	42	53701	91.155	ug/l	99
30) Chloroform	7.67	83	81231	18.256	ug/l	98
31) Cyclohexane	7.95	56	87312	18.859	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	65292	19.268	ug/l	100
36) 1,1-Dichloropropene	8.08	75	70020	19.703	ug/l	99
37) Ethyl Acetate	7.25	43	38985	19.068	ug/l	98
38) Carbon Tetrachloride	8.06	117	60164	19.776	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	76716	19.605	ug/l	98
40) Benzene	8.32	78	188240	18.911	ug/l	98
41) Methacrylonitrile	7.48	41	22717	18.587	ug/l	98
42) 1,2-Dichloroethane	8.40	62	58969	18.922	ug/l	99
43) Isopropyl Acetate	8.42	43	68237	18.148	ug/l	99
44) Trichloroethene	9.09	130	45977	19.217	ug/l	97
45) 1,2-Dichloropropane	9.37	63	49526	18.595	ug/l	100
46) Dibromomethane	9.46	93	22436	18.456	ug/l	99
47) Bromodichloromethane	9.64	83	58563	18.366	ug/l	100
48) Methyl methacrylate	9.43	41	32018	17.727	ug/l	98
49) 1,4-Dioxane	9.45	88	6237	354.345	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	175955	89.966	ug/l	99
52) Toluene	10.38	92	114293	19.013	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	59562	17.881	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	72420	18.285	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32181	18.658	ug/l	96
56) Ethyl methacrylate	10.65	69	45418	17.995	ug/l	98
57) 1,3-Dichloropropane	10.93	76	59844	18.339	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	127486	111.248	ug/l	99
59) 2-Hexanone	10.97	43	123457	89.402	ug/l	99
60) Dibromochloromethane	11.13	129	34596	18.070	ug/l	100
61) 1,2-Dibromoethane	11.23	107	30022	18.393	ug/l	98
64) Tetrachloroethene	10.86	164	37972	19.938	ug/l	98
65) Chlorobenzene	11.66	112	112978	19.212	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	39620	19.343	ug/l	99
67) Ethyl Benzene	11.73	91	218062	19.470	ug/l	99
68) m/p-Xylenes	11.84	106	158458	38.904	ug/l	100
69) o-Xylene	12.16	106	71630	18.925	ug/l	97
70) Styrene	12.18	104	123949	18.941	ug/l	100
71) Bromoform	12.35	173	19369	18.546	ug/l #	97
73) Isopropylbenzene	12.46	105	205568	19.119	ug/l	100
74) N-amyl acetate	12.27	43	60872	18.084	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	38697	19.134	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	31816m	20.863	ug/l	
77) Bromobenzene	12.74	156	44637	18.783	ug/l	99
78) n-propylbenzene	12.80	91	252890	19.327	ug/l	99
79) 2-Chlorotoluene	12.89	91	141861	18.819	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	173922	19.297	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12072	18.244	ug/l	93
82) 4-Chlorotoluene	12.99	91	149193	18.863	ug/l	99
83) tert-Butylbenzene	13.21	119	144161	19.127	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	172911	19.045	ug/l	99
85) sec-Butylbenzene	13.38	105	210798	19.602	ug/l	100
86) p-Isopropyltoluene	13.50	119	186171	19.080	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	87420	18.761	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	87531	18.883	ug/l	98
89) n-Butylbenzene	13.82	91	184674	18.966	ug/l	100
90) Hexachloroethane	14.09	117	32774	18.995	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	76138	18.474	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6402	18.563	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	51980	17.896	ug/l	99
94) Hexachlorobutadiene	15.24	225	35115	19.386	ug/l	100
95) Naphthalene	15.37	128	87036	16.731	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	45191	17.749	ug/l	99

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

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