

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
 Data File : VW012491.D
 Acq On : 02 Sep 2019 11:50
 Operator : SY/VA
 Sample : VW0902SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 10:56:18 AM

Quant Time: Sep 03 07:56:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	190286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	298431	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	254162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	123982	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	117465	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
35) Dibromofluoromethane	7.88	113	94438	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
50) Toluene-d8	10.32	98	377756	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
62) 4-Bromofluorobenzene	12.62	95	132523	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	10003	8.537	ug/l	93
3) Chloromethane	2.21	50	17624	9.709	ug/l	97
4) Vinyl Chloride	2.36	62	18778	8.452	ug/l	95
5) Bromomethane	2.77	94	10468	9.303	ug/l	97
6) Chloroethane	2.92	64	11069	8.832	ug/l	99
7) Trichlorofluoromethane	3.26	101	11677	10.467	ug/l	99
8) Diethyl Ether	3.68	74	9662	9.124	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	18860	9.946	ug/l	98
10) Methyl Iodide	4.27	142	23928	9.326	ug/l	97
11) Tert butyl alcohol	5.16	59	7135	52.414	ug/l	94
12) 1,1-Dichloroethene	4.04	96	17695	9.271	ug/l	97
13) Acrolein	3.90	56	9568	74.668	ug/l	97
14) Allyl chloride	4.67	41	38216	9.366	ug/l	98
15) Acrylonitrile	5.37	53	24495	46.668	ug/l	98
16) Acetone	4.12	43	26590	45.986	ug/l	96
17) Carbon Disulfide	4.38	76	43777	7.589	ug/l	96
18) Methyl Acetate	4.67	43	13432	9.379	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	31399	10.173	ug/l	99
20) Methylene Chloride	4.92	84	22294	10.199	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	18879	9.224	ug/l	98
22) Diisopropyl ether	6.31	45	74037	9.789	ug/l	99
23) Vinyl Acetate	6.25	43	204645	43.966	ug/l	100
24) 1,1-Dichloroethane	6.21	63	40165	9.753	ug/l	100
25) 2-Butanone	7.17	43	34415	43.800	ug/l	99
26) 2,2-Dichloropropane	7.17	77	25009	10.729	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	21179	9.685	ug/l	99
28) Bromochloromethane	7.51	49	36513	20.343	ug/l #	95
29) Tetrahydrofuran	7.52	42	20335	43.137	ug/l	98
30) Chloroform	7.68	83	38919	10.330	ug/l	96
31) Cyclohexane	7.95	56	38333	9.408	ug/l #	88
32) 1,1,1-Trichloroethane	7.88	97	30872	10.358	ug/l	98
36) 1,1-Dichloropropene	8.09	75	30098	9.760	ug/l	100
37) Ethyl Acetate	7.25	43	15393	9.109	ug/l	96
38) Carbon Tetrachloride	8.07	117	27708	10.381	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	31516	9.097	ug/l	98
40) Benzene	8.32	78	82873	9.841	ug/l	96
41) Methacrylonitrile	7.48	41	10089	10.158	ug/l	96
42) 1,2-Dichloroethane	8.40	62	27101	10.269	ug/l	99
43) Isopropyl Acetate	8.43	43	28026	8.953	ug/l	97
44) Trichloroethene	9.09	130	20660	10.092	ug/l	92
45) 1,2-Dichloropropane	9.37	63	22180	9.787	ug/l	99
46) Dibromomethane	9.46	93	9971	9.888	ug/l	99
47) Bromodichloromethane	9.64	83	26768	9.974	ug/l	93
48) Methyl methacrylate	9.43	41	13400	8.994	ug/l	94
49) 1,4-Dioxane	9.45	88	3274	212.091	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	72581	45.586	ug/l	99
52) Toluene	10.38	92	50780	10.038	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	25802	9.439	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	31521	9.550	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	13815	9.683	ug/l	97
56) Ethyl methacrylate	10.65	69	18885	9.095	ug/l	99
57) 1,3-Dichloropropane	10.93	76	26456	9.813	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	105416	98.920	ug/l	99
59) 2-Hexanone	10.97	43	49758	44.168	ug/l	99
60) Dibromochloromethane	11.13	129	15598	9.816	ug/l	97
61) 1,2-Dibromoethane	11.23	107	12764	9.603	ug/l	96
64) Tetrachloroethene	10.86	164	16533	10.033	ug/l	96
65) Chlorobenzene	11.66	112	51656	10.322	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	17980	10.298	ug/l	98
67) Ethyl Benzene	11.73	91	97481	10.111	ug/l	99
68) m/p-Xylenes	11.83	106	70427	20.280	ug/l	99
69) o-Xylene	12.16	106	32020	9.962	ug/l	97
70) Styrene	12.18	104	55543	9.984	ug/l	98
71) Bromoform	12.35	173	8814	10.133	ug/l #	99
73) Isopropylbenzene	12.46	105	92844	9.994	ug/l	99
74) N-amyl acetate	12.27	43	25656	9.141	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	16289	9.564	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	13329m	11.039	ug/l	
77) Bromobenzene	12.74	156	20207	10.054	ug/l	99
78) n-propylbenzene	12.80	91	113756	10.030	ug/l	100
79) 2-Chlorotoluene	12.89	91	65729	10.208	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	78020	10.050	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	4840	8.788	ug/l	93
82) 4-Chlorotoluene	12.99	91	69754	10.346	ug/l	99
83) tert-Butylbenzene	13.21	119	67198	10.219	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	79040	10.136	ug/l	99
85) sec-Butylbenzene	13.38	105	95296	10.115	ug/l	100
86) p-Isopropyltoluene	13.50	119	85515	10.164	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	39855	10.138	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	39485	10.116	ug/l	96
89) n-Butylbenzene	13.82	91	82121	9.815	ug/l	100
90) Hexachloroethane	14.09	117	14532	9.845	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	37113	10.762	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2599	9.052	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	23339	9.793	ug/l	99
94) Hexachlorobutadiene	15.23	225	16136	10.254	ug/l	95
95) Naphthalene	15.36	128	36205	11.394	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	20642	9.927	ug/l	96

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

