

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
 Data File : VW012494.D
 Acq On : 02 Sep 2019 13:09
 Operator : SY/VA
 Sample : VW0902SBSD01
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 10:56:23 AM

Quant Time: Sep 03 08:01:54 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	198595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	305771	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	126942	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	120619	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
35) Dibromofluoromethane	7.88	113	95003	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
50) Toluene-d8	10.32	98	386141	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
62) 4-Bromofluorobenzene	12.62	95	143526	55.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	20331	16.626	ug/l	88
3) Chloromethane	2.21	50	35852	18.924	ug/l	94
4) Vinyl Chloride	2.36	62	40142	17.312	ug/l	99
5) Bromomethane	2.76	94	19168	16.322	ug/l	99
6) Chloroethane	2.90	64	22259	17.017	ug/l	97
7) Trichlorofluoromethane	3.24	101	28053	24.094	ug/l	95
8) Diethyl Ether	3.68	74	21356	19.324	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40169	20.296	ug/l	99
10) Methyl Iodide	4.27	142	51848	19.362	ug/l	99
11) Tert butyl alcohol	5.18	59	15541	109.388	ug/l	97
12) 1,1-Dichloroethene	4.03	96	39189	19.673	ug/l	95
13) Acrolein	3.89	56	10416	77.885	ug/l	93
14) Allyl chloride	4.66	41	84680	19.884	ug/l	98
15) Acrylonitrile	5.37	53	58392	106.595	ug/l	99
16) Acetone	4.13	43	57837	95.840	ug/l	97
17) Carbon Disulfide	4.38	76	93588	15.546	ug/l	100
18) Methyl Acetate	4.67	43	33190	22.205	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	70258	21.810	ug/l	99
20) Methylene Chloride	4.92	84	44415	19.469	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	42195	19.753	ug/l	96
22) Diisopropyl ether	6.31	45	163618	20.728	ug/l	96
23) Vinyl Acetate	6.25	43	492075	101.293	ug/l	99
24) 1,1-Dichloroethane	6.21	63	89515	20.827	ug/l	99
25) 2-Butanone	7.17	43	84660	103.238	ug/l	97
26) 2,2-Dichloropropane	7.16	77	55352	22.753	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	46975	20.583	ug/l	98
28) Bromochloromethane	7.51	49	38613	20.613	ug/l	97
29) Tetrahydrofuran	7.53	42	52237	106.174	ug/l	99
30) Chloroform	7.68	83	85301	21.693	ug/l	97
31) Cyclohexane	7.95	56	78581	18.480	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	70077	22.528	ug/l	97
36) 1,1-Dichloropropene	8.08	75	66249	20.966	ug/l	97
37) Ethyl Acetate	7.25	43	36010	20.797	ug/l	99
38) Carbon Tetrachloride	8.07	117	61248	22.395	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	71304	20.087	ug/l	99
40) Benzene	8.32	78	182498	21.152	ug/l	98
41) Methacrylonitrile	7.48	41	21795	21.416	ug/l	95
42) 1,2-Dichloroethane	8.40	62	59813	22.119	ug/l	99
43) Isopropyl Acetate	8.42	43	69658	21.718	ug/l	98
44) Trichloroethene	9.09	130	45452	21.670	ug/l	95
45) 1,2-Dichloropropane	9.37	63	48329	20.813	ug/l	97
46) Dibromomethane	9.46	93	21962	21.257	ug/l	99
47) Bromodichloromethane	9.64	83	59412	21.607	ug/l	97
48) Methyl methacrylate	9.43	41	32505	21.294	ug/l	97
49) 1,4-Dioxane	9.46	88	6227	393.705	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	178248	109.265	ug/l	99
52) Toluene	10.38	92	110987	21.413	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	60045	21.438	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	70918	20.970	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	31925	21.840	ug/l	96
56) Ethyl methacrylate	10.65	69	47117	22.147	ug/l	97
57) 1,3-Dichloropropane	10.93	76	60231	21.804	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	116041	106.277	ug/l	100
59) 2-Hexanone	10.97	43	126758	109.816	ug/l	99
60) Dibromochloromethane	11.13	129	34196	21.003	ug/l	97
61) 1,2-Dibromoethane	11.24	107	29833	21.907	ug/l	99
64) Tetrachloroethene	10.86	164	38182	22.395	ug/l	97
65) Chlorobenzene	11.66	112	113288	21.878	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	40274	22.294	ug/l	99
67) Ethyl Benzene	11.73	91	219949	22.050	ug/l	99
68) m/p-Xylenes	11.83	106	158399	44.084	ug/l	100
69) o-Xylene	12.16	106	74613	22.436	ug/l	99
70) Styrene	12.18	104	128226	22.276	ug/l	99
71) Bromoform	12.35	173	19897	22.107	ug/l #	99
73) Isopropylbenzene	12.46	105	214639	22.565	ug/l	99
74) N-amyl acetate	12.27	43	61022	21.234	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	38056	21.823	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	32000m	25.883	ug/l	
77) Bromobenzene	12.74	156	45372	22.049	ug/l	97
78) n-propylbenzene	12.80	91	255442	21.998	ug/l	99
79) 2-Chlorotoluene	12.89	91	144716	21.951	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	174461	21.950	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	11847	21.010	ug/l	98
82) 4-Chlorotoluene	12.99	91	151071	21.885	ug/l	99
83) tert-Butylbenzene	13.21	119	152841	22.701	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	176530	22.110	ug/l	100
85) sec-Butylbenzene	13.38	105	214842	22.273	ug/l	99
86) p-Isopropyltoluene	13.50	119	191133	22.188	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	87922	21.844	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	86659	21.684	ug/l	96
89) n-Butylbenzene	13.82	91	189688	22.143	ug/l	100
90) Hexachloroethane	14.09	117	32318	21.383	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	77287	21.888	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6277	21.352	ug/l	96

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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	52927	21.690	ug/l	99
94) Hexachlorobutadiene	15.24	225	36467	22.633	ug/l	97
95) Naphthalene	15.36	128	92378	21.947	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	45384	21.318	ug/l	100

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

