

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012886.D
 Acq On : 10 Sep 2019 23:44
 Operator : SY/VA
 Sample : VW0910SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/11/2019 9:26:31 AM

Quant Time: Sep 11 08:51:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	173278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	255511	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	226426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	114212	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	93806	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
35) Dibromofluoromethane	7.88	113	76224	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	10.32	98	301768	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.62	95	106950	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	17014	18.112	ug/l	98
3) Chloromethane	2.21	50	23214	20.334	ug/l #	86
4) Vinyl Chloride	2.35	62	27657	19.758	ug/l	99
5) Bromomethane	2.76	94	16492	21.697	ug/l	93
6) Chloroethane	2.92	64	17814	21.326	ug/l	95
7) Trichlorofluoromethane	3.25	101	17282	17.891	ug/l	100
8) Diethyl Ether	3.67	74	16915	20.835	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	30507	20.125	ug/l	97
10) Methyl Iodide	4.27	142	38436	20.142	ug/l	97
11) Tert butyl alcohol	5.16	59	18698	126.226	ug/l	99
12) 1,1-Dichloroethene	4.04	96	27204	19.011	ug/l	93
13) Acrolein	3.89	56	13075	83.177	ug/l	99
14) Allyl chloride	4.67	41	51060	17.249	ug/l	96
15) Acrylonitrile	5.36	53	50259	105.990	ug/l	100
16) Acetone	4.12	43	44979	85.217	ug/l	98
17) Carbon Disulfide	4.38	76	54706	18.011	ug/l	98
18) Methyl Acetate	4.67	43	28732	23.202	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	60648	21.371	ug/l	99
20) Methylene Chloride	4.91	84	33971	20.572	ug/l	90
21) trans-1,2-Dichloroethene	5.42	96	28871	19.773	ug/l	90
22) Diisopropyl ether	6.30	45	112621	19.182	ug/l	92
23) Vinyl Acetate	6.25	43	356292	95.758	ug/l	99
24) 1,1-Dichloroethane	6.21	63	61510	19.458	ug/l	97
25) 2-Butanone	7.16	43	71511	104.452	ug/l	99
26) 2,2-Dichloropropane	7.16	77	37626	18.845	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	34040	20.106	ug/l	99
28) Bromochloromethane	7.51	49	25462	17.541	ug/l #	89
29) Tetrahydrofuran	7.53	42	45583	106.944	ug/l	96
30) Chloroform	7.67	83	60660	19.362	ug/l	99
31) Cyclohexane	7.95	56	53176	18.685	ug/l #	90
32) 1,1,1-Trichloroethane	7.87	97	49671	19.559	ug/l	96
36) 1,1-Dichloropropene	8.07	75	45968	20.248	ug/l	99
37) Ethyl Acetate	7.24	43	30582	21.131	ug/l	97
38) Carbon Tetrachloride	8.07	117	44563	19.913	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	52658	20.652	ug/l	94
40) Benzene	8.32	78	127599	20.257	ug/l	99
41) Methacrylonitrile	7.48	41	16470	19.295	ug/l	86
42) 1,2-Dichloroethane	8.40	62	45309	20.439	ug/l	97
43) Isopropyl Acetate	8.42	43	55919	20.394	ug/l	97
44) Trichloroethene	9.09	130	34117	21.012	ug/l	85
45) 1,2-Dichloropropane	9.37	63	33860	19.381	ug/l	98
46) Dibromomethane	9.46	93	17725	21.426	ug/l	97
47) Bromodichloromethane	9.64	83	44057	19.357	ug/l	97
48) Methyl methacrylate	9.43	41	25838	19.719	ug/l	97
49) 1,4-Dioxane	9.44	88	7699	471.139	ug/l	86
51) 4-Methyl-2-Pentanone	10.21	43	152697	106.132	ug/l	98
52) Toluene	10.38	92	80351	20.438	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	44639	19.073	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	51527	19.408	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	26546	21.433	ug/l	99
56) Ethyl methacrylate	10.64	69	38087	21.008	ug/l	94
57) 1,3-Dichloropropane	10.93	76	47565	20.759	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	101002	104.940	ug/l	94
59) 2-Hexanone	10.96	43	103774	98.726	ug/l	97
60) Dibromochloromethane	11.13	129	29639	20.348	ug/l	98
61) 1,2-Dibromoethane	11.23	107	24777	21.820	ug/l	99
64) Tetrachloroethene	10.86	164	30958	22.533	ug/l	95
65) Chlorobenzene	11.66	112	85998	20.095	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	32067	20.121	ug/l	99
67) Ethyl Benzene	11.73	91	158113	19.692	ug/l	98
68) m/p-Xylenes	11.83	106	116754	40.284	ug/l	99
69) o-Xylene	12.16	106	55488	20.293	ug/l	97
70) Styrene	12.18	104	97478	20.175	ug/l	99
71) Bromoform	12.35	173	19234	21.722	ug/l #	97
73) Isopropylbenzene	12.46	105	158351	19.331	ug/l	100
74) N-amyl acetate	12.27	43	49414	19.004	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	32813	19.946	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	23644m	20.245	ug/l	
77) Bromobenzene	12.74	156	37211	20.050	ug/l	97
78) n-propylbenzene	12.80	91	188320	19.222	ug/l	99
79) 2-Chlorotoluene	12.89	91	106971	19.020	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	134591	19.499	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	10498	19.012	ug/l	98
82) 4-Chlorotoluene	12.99	91	113386	19.059	ug/l	97
83) tert-Butylbenzene	13.21	119	119711	19.614	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	135056	19.418	ug/l	99
85) sec-Butylbenzene	13.38	105	163317	19.284	ug/l	98
86) p-Isopropyltoluene	13.50	119	150255	19.423	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	72485	19.871	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	71921	19.814	ug/l	99
89) n-Butylbenzene	13.82	91	137630	18.326	ug/l	100
90) Hexachloroethane	14.09	117	25902	19.180	ug/l	97
91) 1,2-Dichlorobenzene	13.86	146	66415	20.228	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6230	20.693	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	46688	20.424	ug/l	97
94) Hexachlorobutadiene	15.24	225	33181	20.971	ug/l	98
95) Naphthalene	15.36	128	89721	21.501	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	42817	21.220	ug/l	99

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

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