

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102419\
 Data File : VW013713.D
 Acq On : 24 Oct 2019 16:17
 Operator : SY/VA
 Sample : VW1024SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/25/2019 4:47:27 PM

Quant Time: Oct 25 08:09:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	341487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	479704	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	406054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	209329	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	125758	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
35) Dibromofluoromethane	7.88	113	131274	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	10.32	98	541626	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.62	95	180649	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	35790	19.894	ug/l	94
3) Chloromethane	2.21	50	41543	21.486	ug/l	94
4) Vinyl Chloride	2.36	62	62796	21.506	ug/l	97
5) Bromomethane	2.78	94	40060	20.861	ug/l	94
6) Chloroethane	2.92	64	36864	20.865	ug/l	94
7) Trichlorofluoromethane	3.26	101	38441	21.077	ug/l	96
8) Diethyl Ether	3.68	74	30000	20.360	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	61878	20.870	ug/l	98
10) Methyl Iodide	4.28	142	98538	20.395	ug/l	99
11) Tert butyl alcohol	5.19	59	15746	102.963	ug/l #	81
12) 1,1-Dichloroethene	4.04	96	63021	20.577	ug/l	93
13) Acrolein	3.90	56	14458	82.521	ug/l	99
14) Allyl chloride	4.67	41	94551	20.078	ug/l	98
15) Acrylonitrile	5.37	53	59374	99.097	ug/l	99
16) Acetone	4.13	43	48009	88.388	ug/l	98
17) Carbon Disulfide	4.38	76	181100	20.590	ug/l	99
18) Methyl Acetate	4.67	43	32708	21.967	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	75515	20.547	ug/l	100
20) Methylene Chloride	4.92	84	74028	22.124	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	67610	20.511	ug/l	95
22) Diisopropyl ether	6.31	45	173916	20.246	ug/l	97
23) Vinyl Acetate	6.26	43	497669	99.846	ug/l	99
24) 1,1-Dichloroethane	6.21	63	111965	20.580	ug/l	99
25) 2-Butanone	7.17	43	74872	95.879	ug/l	95
26) 2,2-Dichloropropane	7.16	77	66536	21.150	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	71307	20.367	ug/l	97
28) Bromochloromethane	7.51	49	28691	15.746	ug/l #	98
29) Tetrahydrofuran	7.53	42	47770	98.809	ug/l	100
30) Chloroform	7.67	83	107379	19.966	ug/l	93
31) Cyclohexane	7.95	56	110660	19.436	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	89469	21.199	ug/l	99
36) 1,1-Dichloropropene	8.08	75	93246	20.872	ug/l	99
37) Ethyl Acetate	7.26	43	34085	19.931	ug/l	98
38) Carbon Tetrachloride	8.07	117	84901	21.104	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	117675	20.397	ug/l	96
40) Benzene	8.32	78	262339	20.750	ug/l	100
41) Methacrylonitrile	7.48	41	21793	20.435	ug/l	94
42) 1,2-Dichloroethane	8.40	62	67390	21.152	ug/l	99
43) Isopropyl Acetate	8.42	43	64730	19.774	ug/l	99
44) Trichloroethene	9.09	130	75734	20.912	ug/l	98
45) 1,2-Dichloropropane	9.37	63	61739	20.444	ug/l	97
46) Dibromomethane	9.46	93	29827	20.350	ug/l	99
47) Bromodichloromethane	9.64	83	77268	20.374	ug/l	99
48) Methyl methacrylate	9.43	41	33032	20.348	ug/l	98
49) 1,4-Dioxane	9.46	88	8250	380.903	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	162957	100.179	ug/l	99
52) Toluene	10.38	92	168346	20.642	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	74754	19.471	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	94606	19.973	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	44736	20.479	ug/l	97
56) Ethyl methacrylate	10.65	69	54942	20.103	ug/l	100
57) 1,3-Dichloropropane	10.93	76	76799	20.487	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	122400	97.311	ug/l	98
59) 2-Hexanone	10.97	43	109672	97.799	ug/l	100
60) Dibromochloromethane	11.13	129	52330	20.177	ug/l	100
61) 1,2-Dibromoethane	11.23	107	42821	20.720	ug/l	97
64) Tetrachloroethene	10.86	164	65408	21.083	ug/l	97
65) Chlorobenzene	11.66	112	170337	20.414	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	59932	20.581	ug/l	98
67) Ethyl Benzene	11.73	91	311454	20.700	ug/l	100
68) m/p-Xylenes	11.84	106	242156	41.658	ug/l	99
69) o-Xylene	12.16	106	108593	20.324	ug/l	98
70) Styrene	12.18	104	184555	20.103	ug/l	97
71) Bromoform	12.35	173	30721	20.103	ug/l #	98
73) Isopropylbenzene	12.46	105	308750	20.539	ug/l	100
74) N-amyl acetate	12.27	43	57616	19.813	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	48186	20.313	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	30705m	20.425	ug/l	
77) Bromobenzene	12.74	156	72046	20.062	ug/l	97
78) n-propylbenzene	12.80	91	361080	20.752	ug/l	100
79) 2-Chlorotoluene	12.89	91	202014	20.660	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	261704	20.623	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15343	19.289	ug/l	97
82) 4-Chlorotoluene	12.99	91	211855	20.638	ug/l	99
83) tert-Butylbenzene	13.21	119	231784	20.577	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	260640	20.821	ug/l	99
85) sec-Butylbenzene	13.38	105	318292	20.664	ug/l	100
86) p-Isopropyltoluene	13.50	119	293731	20.471	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	143057	20.561	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	139623	20.199	ug/l	99
89) n-Butylbenzene	13.82	91	265480	20.498	ug/l	100
90) Hexachloroethane	14.09	117	49847	19.987	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	123471	20.466	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6547	18.251	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	84637	19.277	ug/l	99
94) Hexachlorobutadiene	15.24	225	58444	19.718	ug/l	100
95) Naphthalene	15.36	128	126945	18.441	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	71500	18.899	ug/l	100

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

