

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013669.D
 Acq On : 23 Oct 2019 16:13
 Operator : SY/VA
 Sample : VW1023SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1023SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 1:27:08 PM

Quant Time: Oct 24 07:45:19 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	350942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	497049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	428220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	215841	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	133758	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
35) Dibromofluoromethane	7.88	113	139129	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
50) Toluene-d8	10.32	98	571849	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.62	95	191581	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	43762	23.670	ug/l	99
3) Chloromethane	2.21	50	43669	21.977	ug/l	95
4) Vinyl Chloride	2.37	62	66086	22.023	ug/l	99
5) Bromomethane	2.78	94	41952	21.257	ug/l	100
6) Chloroethane	2.92	64	37918	20.883	ug/l	98
7) Trichlorofluoromethane	3.26	101	37316	19.909	ug/l	99
8) Diethyl Ether	3.68	74	31414	20.745	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	63578	20.866	ug/l	99
10) Methyl Iodide	4.28	142	104208	20.988	ug/l	99
11) Tert butyl alcohol	5.20	59	18234m	116.020	ug/l	
12) 1,1-Dichloroethene	4.04	96	66010	20.973	ug/l	97
13) Acrolein	3.90	56	17305	96.109	ug/l	100
14) Allyl chloride	4.67	41	99100	20.477	ug/l	99
15) Acrylonitrile	5.37	53	66801	108.489	ug/l	96
16) Acetone	4.14	43	52640	94.303	ug/l	95
17) Carbon Disulfide	4.38	76	189123	20.923	ug/l	98
18) Methyl Acetate	4.67	43	33091	21.626	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	79938	21.165	ug/l	98
20) Methylene Chloride	4.92	84	73163	21.075	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	71681	21.160	ug/l	100
22) Diisopropyl ether	6.31	45	181555	20.566	ug/l	97
23) Vinyl Acetate	6.25	43	534068	104.261	ug/l	99
24) 1,1-Dichloroethane	6.21	63	114866	20.545	ug/l	97
25) 2-Butanone	7.17	43	81972	102.143	ug/l	98
26) 2,2-Dichloropropane	7.16	77	67528	20.887	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	74172	20.614	ug/l	97
28) Bromochloromethane	7.51	49	28931	15.475	ug/l #	98
29) Tetrahydrofuran	7.54	42	53378	107.434	ug/l	99
30) Chloroform	7.68	83	112879	20.423	ug/l	100
31) Cyclohexane	7.95	56	117131	20.019	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	90238	20.806	ug/l	98
36) 1,1-Dichloropropene	8.08	75	95591	20.650	ug/l	99
37) Ethyl Acetate	7.26	43	36664	20.691	ug/l	99
38) Carbon Tetrachloride	8.07	117	88543	21.241	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	123638	20.682	ug/l	98
40) Benzene	8.32	78	271449	20.721	ug/l	98
41) Methacrylonitrile	7.48	41	24306	21.996	ug/l	93
42) 1,2-Dichloroethane	8.40	62	68008	20.601	ug/l	100
43) Isopropyl Acetate	8.42	43	70432	20.765	ug/l	99
44) Trichloroethene	9.09	130	77804	20.734	ug/l	94
45) 1,2-Dichloropropane	9.37	63	63564	20.314	ug/l	99
46) Dibromomethane	9.46	93	31260	20.583	ug/l	97
47) Bromodichloromethane	9.64	83	79334	20.189	ug/l	96
48) Methyl methacrylate	9.43	41	32100	19.084	ug/l	89
49) 1,4-Dioxane	9.48	88	9480	422.418	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	176054	104.454	ug/l	99
52) Toluene	10.38	92	174192	20.614	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	80265	20.177	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	101416	20.663	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	46253	20.435	ug/l	98
56) Ethyl methacrylate	10.65	69	59276	20.932	ug/l	99
57) 1,3-Dichloropropane	10.93	76	80253	20.662	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	135592	104.037	ug/l	99
59) 2-Hexanone	10.97	43	119258	102.636	ug/l	99
60) Dibromochloromethane	11.13	129	55020	20.474	ug/l	100
61) 1,2-Dibromoethane	11.23	107	45366	21.186	ug/l	98
64) Tetrachloroethene	10.86	164	67194	20.538	ug/l	98
65) Chlorobenzene	11.66	112	180903	20.558	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	61934	20.167	ug/l	99
67) Ethyl Benzene	11.73	91	328123	20.679	ug/l	99
68) m/p-Xylenes	11.84	106	252670	41.216	ug/l	99
69) o-Xylene	12.16	106	114310	20.286	ug/l	98
70) Styrene	12.18	104	197767	20.428	ug/l	99
71) Bromoform	12.35	173	33273	20.646	ug/l #	97
73) Isopropylbenzene	12.46	105	323307	20.858	ug/l	99
74) N-amyl acetate	12.27	43	64114	21.383	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	51354	20.995	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	33429m	21.567	ug/l	
77) Bromobenzene	12.75	156	77372	20.896	ug/l	99
78) n-propylbenzene	12.80	91	379440	21.150	ug/l	100
79) 2-Chlorotoluene	12.89	91	208886	20.719	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	275112	21.025	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16440	20.044	ug/l	98
82) 4-Chlorotoluene	12.99	91	221899	20.964	ug/l	100
83) tert-Butylbenzene	13.21	119	243466	20.962	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	269964	20.915	ug/l	99
85) sec-Butylbenzene	13.38	105	336315	21.175	ug/l	99
86) p-Isopropyltoluene	13.50	119	312977	21.155	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	147889	20.614	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	146620	20.572	ug/l	98
89) n-Butylbenzene	13.82	91	279646	20.941	ug/l	99
90) Hexachloroethane	14.09	117	52908	20.574	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	127384	20.478	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8284	22.397	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	93819	20.724	ug/l	100
94) Hexachlorobutadiene	15.24	225	64144	20.988	ug/l	98
95) Naphthalene	15.36	128	150470	21.199	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	81519	20.898	ug/l	99

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

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