

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012659.D
 Acq On : 06 Sep 2019 00:03
 Operator : SY/VA
 Sample : VW0905SBS04
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS04

Manual Integrations
 APPROVED

MMDadoda

Quant Time: Sep 06 08:33:46 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)	9/6/2019 12:29:45 PM
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1) Pentafluorobenzene	7.95	168	206763	50.00	ug/l	0.00	
34) 1,4-Difluorobenzene	8.84	114	324157	50.00	ug/l	0.00	
63) Chlorobenzene-d5	11.63	117	275123	50.00	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	13.55	152	125408	50.00	ug/l	0.00	

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	135588	55.16	ug/l	0.00	
Spiked Amount	50.000		Recovery	=	110.32%		
35) Dibromofluoromethane	7.88	113	106292	54.93	ug/l	0.00	
Spiked Amount	50.000		Recovery	=	109.86%		
50) Toluene-d8	10.32	98	374877	47.78	ug/l	0.00	
Spiked Amount	50.000		Recovery	=	95.56%		
62) 4-Bromofluorobenzene	12.62	95	139100	50.30	ug/l	0.00	
Spiked Amount	50.000		Recovery	=	100.60%		

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27665	21.730	ug/l	91
3) Chloromethane	2.21	50	36472	18.491	ug/l	96
4) Vinyl Chloride	2.36	62	39709	16.448	ug/l	97
5) Bromomethane	2.77	94	22124	18.095	ug/l	95
6) Chloroethane	2.92	64	23546	17.289	ug/l	96
7) Trichlorofluoromethane	3.25	101	22084	18.218	ug/l	95
8) Diethyl Ether	3.68	74	23932	20.799	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	42645	20.696	ug/l	96
10) Methyl Iodide	4.28	142	59591	21.374	ug/l	100
11) Tert butyl alcohol	5.20	59	21160	143.055	ug/l	99
12) 1,1-Dichloroethene	4.04	96	39422	19.008	ug/l	99
13) Acrolein	3.89	56	7985	57.349	ug/l	98
14) Allyl chloride	4.66	41	87201	19.668	ug/l	98
15) Acrylonitrile	5.37	53	71444	125.269	ug/l	99
16) Acetone	4.14	43	61442	97.792	ug/l	100
17) Carbon Disulfide	4.38	76	91935	14.668	ug/l	97
18) Methyl Acetate	4.67	43	41250	26.507	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	88164	26.287	ug/l	97
20) Methylene Chloride	4.91	84	52892	22.268	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	45834	20.609	ug/l	99
22) Diisopropyl ether	6.31	45	192382	23.409	ug/l	99
23) Vinyl Acetate	6.25	43	571817	113.058	ug/l	99
24) 1,1-Dichloroethane	6.21	63	99774	22.297	ug/l	100
25) 2-Butanone	7.17	43	97641	114.364	ug/l	97
26) 2,2-Dichloropropane	7.17	77	53518	21.130	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	53750	22.621	ug/l	99
28) Bromochloromethane	7.51	49	42973	22.034	ug/l	89
29) Tetrahydrofuran	7.53	42	65285	127.452	ug/l	98
30) Chloroform	7.67	83	96790	23.642	ug/l	99
31) Cyclohexane	7.95	56	82638	18.666	ug/l #	91
32) 1,1,1-Trichloroethane	7.87	97	73974	22.841	ug/l	99
36) 1,1-Dichloropropene	8.08	75	68410	20.422	ug/l	99
37) Ethyl Acetate	7.26	43	46541	25.354	ug/l	98
38) Carbon Tetrachloride	8.06	117	64885	22.379	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	9/6/2019 12:29:45 PM
39) Methylcyclohexane	9.34	83	72222	19.192	ug/l	97	
40) Benzene	8.32	78	199707	21.833	ug/l	100	
41) Methacrylonitrile	7.48	41	26856	24.893	ug/l	96	
42) 1,2-Dichloroethane	8.40	62	71761	25.033	ug/l	99	
43) Isopropyl Acetate	8.42	43	84383	24.817	ug/l	100	
44) Trichloroethene	9.09	130	46098	20.732	ug/l	99	
45) 1,2-Dichloropropane	9.37	63	53315	21.658	ug/l	92	
46) Dibromomethane	9.46	93	25572	23.347	ug/l	96	
47) Bromodichloromethane	9.65	83	64484	22.121	ug/l	97	
48) Methyl methacrylate	9.43	41	38919	24.049	ug/l	96	
49) 1,4-Dioxane	9.46	88	8670	517.073	ug/l #	78	
51) 4-Methyl-2-Pentanone	10.21	43	212845	123.072	ug/l	100	
52) Toluene	10.38	92	116490	21.200	ug/l	98	
53) t-1,3-Dichloropropene	10.60	75	66957	22.550	ug/l	99	
54) cis-1,3-Dichloropropene	10.07	75	76411	21.313	ug/l	100	
55) 1,1,2-Trichloroethane	10.79	97	38868	25.081	ug/l	96	
56) Ethyl methacrylate	10.65	69	53735	23.825	ug/l	99	
57) 1,3-Dichloropropane	10.93	76	68373	23.348	ug/l	99	
58) 2-Chloroethyl Vinyl ether	9.92	63	133319	115.176	ug/l	98	
59) 2-Hexanone	10.97	43	142912	116.788	ug/l	100	
60) Dibromochloromethane	11.13	129	41430	24.002	ug/l	100	
61) 1,2-Dibromoethane	11.24	107	33632	23.295	ug/l	99	
64) Tetrachloroethene	10.86	164	38750	21.724	ug/l	98	
65) Chlorobenzene	11.66	112	121805	22.484	ug/l	97	
66) 1,1,1,2-Tetrachloroethane	11.73	131	45800	24.234	ug/l	99	
67) Ethyl Benzene	11.73	91	226887	21.741	ug/l	99	
68) m/p-Xylenes	11.84	106	167518	44.564	ug/l	100	
69) o-Xylene	12.16	106	78537	22.574	ug/l	99	
70) Styrene	12.18	104	137629	22.854	ug/l	100	
71) Bromoform	12.35	173	24041	25.532	ug/l #	100	
73) Isopropylbenzene	12.46	105	220419	23.456	ug/l	100	
74) N-amyl acetate	12.27	43	66586	23.453	ug/l	98	
75) 1,1,2,2-Tetrachloroethane	12.71	83	44173	25.641	ug/l	98	
76) 1,2,3-Trichloropropane	12.77	75	31124m	25.483	ug/l		
77) Bromobenzene	12.74	156	51566	25.365	ug/l	95	
78) n-propylbenzene	12.80	91	249332	21.734	ug/l	98	
79) 2-Chlorotoluene	12.89	91	154315	23.693	ug/l	98	
80) 1,3,5-Trimethylbenzene	12.94	105	191156	24.345	ug/l	99	
81) trans-1,4-Dichloro-2-buten	12.51	75	13278	23.836	ug/l	96	
82) 4-Chlorotoluene	12.99	91	164088	24.061	ug/l	98	
83) tert-Butylbenzene	13.21	119	162793	24.475	ug/l	98	
84) 1,2,4-Trimethylbenzene	13.25	105	191984	24.340	ug/l	99	
85) sec-Butylbenzene	13.38	105	228726	24.002	ug/l	100	
86) p-Isopropyltoluene	13.50	119	186997	21.973	ug/l	99	
87) 1,3-Dichlorobenzene	13.50	146	91469	23.003	ug/l	99	
88) 1,4-Dichlorobenzene	13.58	146	89828	22.751	ug/l	100	
89) n-Butylbenzene	13.82	91	172530	20.387	ug/l	99	
90) Hexachloroethane	14.09	117	33030	22.122	ug/l	92	
91) 1,2-Dichlorobenzene	13.87	146	81751	23.436	ug/l	100	
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6987	24.058	ug/l	97	

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	9/6/2019 12:29:45 PM
93) 1,2,4-Trichlorobenzene	15.13	180	56348	23.375	ug/l	99	
94) Hexachlorobutadiene	15.24	225	37348	23.464	ug/l	97	
95) Naphthalene	15.36	128	101481	23.920	ug/l	99	
96) 1,2,3-Trichlorobenzene	15.56	180	50680	24.096	ug/l	99	

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

