

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010720\
 Data File : VW014542.D
 Acq On : 07 Jan 2020 12:43
 Operator : SY/VA
 Sample : VW0107SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0107SBS01

Manual Integrations
 APPROVED

apatel
 1/8/2020 9:13:47 AM

Quant Time: Jan 08 06:00:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	683064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1058462	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	924468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	461897	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	334554	56.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.04%	
35) Dibromofluoromethane	7.88	113	331606	54.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.64%	
50) Toluene-d8	10.32	98	1356875	53.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.50%	
62) 4-Bromofluorobenzene	12.62	95	466927	54.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	80980	20.997	ug/l	100
3) Chloromethane	2.21	50	105168	22.278	ug/l	99
4) Vinyl Chloride	2.36	62	146991	21.170	ug/l	100
5) Bromomethane	2.77	94	89523	20.871	ug/l	95
6) Chloroethane	2.92	64	79874	20.180	ug/l	98
7) Trichlorofluoromethane	3.25	101	61186	17.613	ug/l	99
8) Diethyl Ether	3.68	74	64863	18.765	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	127239	19.602	ug/l	99
10) Methyl Iodide	4.28	142	195044	19.915	ug/l	98
11) Tert butyl alcohol	5.15	59	40545	71.695	ug/l	99
12) 1,1-Dichloroethene	4.04	96	132544	19.499	ug/l	94
13) Acrolein	3.89	56	46540	89.285	ug/l	98
14) Allyl chloride	4.67	41	202781	19.521	ug/l	100
15) Acrylonitrile	5.36	53	143243	90.662	ug/l	99
16) Acetone	4.12	43	139508	82.729	ug/l	94
17) Carbon Disulfide	4.38	76	402821	19.662	ug/l	98
18) Methyl Acetate	4.67	43	75760	18.602	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	163913	19.426	ug/l	97
20) Methylene Chloride	4.91	84	157132	20.359	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	142265	19.710	ug/l	100
22) Diisopropyl ether	6.31	45	400623	20.605	ug/l	99
23) Vinyl Acetate	6.25	43	1098599	93.571	ug/l	99
24) 1,1-Dichloroethane	6.21	63	249405	20.336	ug/l	97
25) 2-Butanone	7.16	43	188901	87.288	ug/l	99
26) 2,2-Dichloropropane	7.16	77	131870	19.421	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	147665	19.470	ug/l	97
28) Bromochloromethane	7.51	49	99099	20.610	ug/l	99
29) Tetrahydrofuran	7.52	42	117703	87.793	ug/l	98
30) Chloroform	7.67	83	237176	20.680	ug/l	100
31) Cyclohexane	7.95	56	239808	18.815	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	182844	19.823	ug/l	98
36) 1,1-Dichloropropene	8.08	75	193955	19.008	ug/l	99
37) Ethyl Acetate	7.24	43	81632	17.639	ug/l	99
38) Carbon Tetrachloride	8.06	117	166497	18.808	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	230466	17.600	ug/l	99
40) Benzene	8.32	78	565862	19.600	ug/l	98
41) Methacrylonitrile	7.48	41	49196	19.070	ug/l	93
42) 1,2-Dichloroethane	8.40	62	146920	19.610	ug/l	99
43) Isopropyl Acetate	8.42	43	148120	17.626	ug/l	97
44) Trichloroethene	9.09	130	147014	18.818	ug/l	96
45) 1,2-Dichloropropane	9.37	63	141562	19.982	ug/l	99
46) Dibromomethane	9.46	93	66066	18.890	ug/l	98
47) Bromodichloromethane	9.64	83	168276	19.488	ug/l	98
48) Methyl methacrylate	9.43	41	65656	16.002	ug/l	93
49) 1,4-Dioxane	9.44	88	21959	335.689	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	387414	88.774	ug/l	99
52) Toluene	10.38	92	353564	19.466	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	167088	18.689	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	209256	19.151	ug/l	96
55) 1,1,2-Trichloroethane	10.78	97	97211	19.031	ug/l	98
56) Ethyl methacrylate	10.64	69	117673	17.726	ug/l	98
57) 1,3-Dichloropropane	10.93	76	170453	18.987	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	188663	93.447	ug/l	99
59) 2-Hexanone	10.96	43	265791	88.384	ug/l	96
60) Dibromochloromethane	11.13	129	108150	18.765	ug/l	97
61) 1,2-Dibromoethane	11.23	107	90241	18.612	ug/l	99
64) Tetrachloroethene	10.86	164	127686	19.078	ug/l	95
65) Chlorobenzene	11.65	112	364347	19.237	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	124315	19.495	ug/l	99
67) Ethyl Benzene	11.73	91	648572	19.002	ug/l	96
68) m/p-Xylenes	11.83	106	497103	38.054	ug/l	98
69) o-Xylene	12.16	106	229719	19.038	ug/l	100
70) Styrene	12.18	104	396545	19.429	ug/l	100
71) Bromoform	12.35	173	60185	17.303	ug/l #	97
73) Isopropylbenzene	12.46	105	622508	18.367	ug/l	99
74) N-amyl acetate	12.27	43	134302	17.673	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	110842	18.119	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	82104m	18.800	ug/l	
77) Bromobenzene	12.74	156	145830	18.526	ug/l	99
78) n-propylbenzene	12.80	91	745504	18.706	ug/l	99
79) 2-Chlorotoluene	12.89	91	433533	19.116	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	540557	18.996	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	32043	16.348	ug/l	93
82) 4-Chlorotoluene	12.99	91	451820	19.175	ug/l	100
83) tert-Butylbenzene	13.21	119	456374	18.317	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	543171	19.181	ug/l	100
85) sec-Butylbenzene	13.38	105	640432	18.571	ug/l	99
86) p-Isopropyltoluene	13.50	119	593133	18.869	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	290038	18.948	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	283368	18.752	ug/l	97
89) n-Butylbenzene	13.82	91	540092	18.502	ug/l	98
90) Hexachloroethane	14.09	117	100703	18.339	ug/l	96
91) 1,2-Dichlorobenzene	13.86	146	257729	19.157	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	16325	16.852	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	165049	18.167	ug/l	99
94) Hexachlorobutadiene	15.24	225	115375	18.950	ug/l	97
95) Naphthalene	15.36	128	249343	16.092	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	145534	18.377	ug/l	99

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

