

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102921\
 Data File : VW020728.D
 Acq On : 29 Oct 2021 15:57
 Operator : SY/VA
 Sample : VW1029SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

Manual Integrations
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 11/1/2021 6:28:10 PM

Quant Time: Oct 30 07:20:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102821S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 05:37:46 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.946	168	117810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	173161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	163961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	86054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	51815	44.744	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.480%		
35) Dibromofluoromethane	7.885	113	46891	46.161	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.320%		
50) Toluene-d8	10.323	98	176454	46.288	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.580%		
62) 4-Bromofluorobenzene	12.615	95	67375	46.848	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	5411	19.611	ug/l	94
3) Chloromethane	2.215	50	16210	23.012	ug/l	99
4) Vinyl Chloride	2.355	62	17953	21.777	ug/l	98
5) Bromomethane	2.764	94	7899	23.682	ug/l	99
6) Chloroethane	2.910	64	5455	25.704	ug/l	93
7) Trichlorofluoromethane	3.245	101	7189	18.535	ug/l	89
8) Diethyl Ether	3.684	74	9270	19.283	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.056	101	20777	21.872	ug/l	100
10) Methyl Iodide	4.269	142	22392	20.308	ug/l	98
11) Tert butyl alcohol	5.172	59	5783	93.833	ug/l	99
12) 1,1-Dichloroethene	4.038	96	19122	20.651	ug/l	96
13) Acrolein	3.898	56	2489	91.860	ug/l	93
14) Allyl chloride	4.660	41	27586	19.372	ug/l	99
15) Acrylonitrile	5.367	53	21567	95.827	ug/l	99
16) Acetone	4.123	43	21078	87.215	ug/l	96
17) Carbon Disulfide	4.379	76	52496	20.482	ug/l	99
18) Methyl Acetate	4.672	43	15888	19.187	ug/l	99
19) Methyl tert-butyl Ether	5.428	73	23643	18.633	ug/l	98
20) Methylene Chloride	4.910	84	23765	20.517	ug/l	99
21) trans-1,2-Dichloroethene	5.422	96	21420	20.683	ug/l	93
22) Diisopropyl ether	6.306	45	60349	20.316	ug/l	98
23) Vinyl Acetate	6.257	43	157068	97.169	ug/l	100
24) 1,1-Dichloroethane	6.214	63	38915	20.437	ug/l	99
25) 2-Butanone	7.165	43	27929	89.653	ug/l	97
26) 2,2-Dichloropropane	7.159	77	22263	21.013	ug/l	100
27) cis-1,2-Dichloroethene	7.165	96	22673	20.016	ug/l	98
28) Bromochloromethane	7.507	49	15917	17.990	ug/l #	100
29) Tetrahydrofuran	7.531	42	18188	96.491	ug/l	99
30) Chloroform	7.671	83	40569	20.408	ug/l	99
31) Cyclohexane	7.952	56	39215	20.208	ug/l	96
32) 1,1,1-Trichloroethane	7.866	97	32366	21.266	ug/l	99
36) 1,1-Dichloropropene	8.080	75	32279	20.896	ug/l	99
37) Ethyl Acetate	7.251	43	12547	19.033	ug/l	99
38) Carbon Tetrachloride	8.061	117	29843	20.978	ug/l	98
39) Methylcyclohexane	9.336	83	38926	20.854	ug/l	97
40) Benzene	8.317	78	92017	20.755	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	7789	20.084	ug/l	91
42) 1,2-Dichloroethane	8.397	62	27377	20.091	ug/l	99
43) Isopropyl Acetate	8.421	43	23801	18.850	ug/l	98
44) Trichloroethene	9.092	130	24046	20.645	ug/l	97
45) 1,2-Dichloropropane	9.366	63	20945	20.029	ug/l	98
46) Dibromomethane	9.457	93	11195	19.702	ug/l	99
47) Bromodichloromethane	9.640	83	28466	19.735	ug/l	99
48) Methyl methacrylate	9.433	41	12143	19.639	ug/l	93
49) 1,4-Dioxane	9.445	88	3140	416.821	ug/l	97
51) 4-Methyl-2-Pentanone	10.207	43	63250	95.752	ug/l	99
52) Toluene	10.384	92	56218	20.746	ug/l	98
53) t-1,3-Dichloropropene	10.604	75	28259	19.446	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	33165	19.839	ug/l	98
55) 1,1,2-Trichloroethane	10.787	97	15836	19.979	ug/l	92
56) Ethyl methacrylate	10.646	69	18817	18.811	ug/l	99
57) 1,3-Dichloropropane	10.933	76	27413	19.827	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	48050	102.351	ug/l	99
59) 2-Hexanone	10.969	43	43881	93.934	ug/l	98
60) Dibromochloromethane	11.128	129	18618	19.655	ug/l	99
61) 1,2-Dibromoethane	11.232	107	15047	19.836	ug/l	99
64) Tetrachloroethene	10.860	164	21022	20.134	ug/l	92
65) Chlorobenzene	11.652	112	59748	20.095	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	20979	19.361	ug/l	98
67) Ethyl Benzene	11.731	91	107686	19.993	ug/l	99
68) m/p-Xylenes	11.835	106	85865	41.154	ug/l	98
69) o-Xylene	12.164	106	38759	20.183	ug/l	100
70) Styrene	12.177	104	66762	20.280	ug/l	99
71) Bromoform	12.347	173	10906	18.414	ug/l #	97
73) Isopropylbenzene	12.463	105	106497	20.539	ug/l	99
74) N-amyl acetate	12.268	43	22665	19.655	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	18110	19.763	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	14231m	19.290	ug/l	
77) Bromobenzene	12.743	156	25935	20.626	ug/l	99
78) n-propylbenzene	12.804	91	134356	20.981	ug/l	99
79) 2-Chlorotoluene	12.890	91	76753	20.811	ug/l	100
80) 1,3,5-Trimethylbenzene	12.939	105	97098	21.478	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	5789	20.069	ug/l	98
82) 4-Chlorotoluene	12.987	91	81548	20.833	ug/l	99
83) tert-Butylbenzene	13.201	119	82416	21.444	ug/l	98
84) 1,2,4-Trimethylbenzene	13.250	105	95635	21.243	ug/l	100
85) sec-Butylbenzene	13.384	105	123613	21.380	ug/l	99
86) p-Isopropyltoluene	13.493	119	102801	20.941	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	54238	21.046	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	52683	20.491	ug/l	97
89) n-Butylbenzene	13.823	91	97884	21.213	ug/l	100
90) Hexachloroethane	14.091	117	17994	20.138	ug/l	99
91) 1,2-Dichlorobenzene	13.865	146	46982	20.821	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	3216	19.683	ug/l	89
93) 1,2,4-Trichlorobenzene	15.133	180	31982	20.663	ug/l	99
94) Hexachlorobutadiene	15.231	225	21400	21.397	ug/l	98
95) Naphthalene	15.365	128	52260	20.466	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	29602	21.297	ug/l	94

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

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