

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102921\
 Data File : VW020727.D
 Acq On : 29 Oct 2021 13:28
 Operator : SY/VA
 Sample : VW1029SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1029SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/1/2021 6:28:09 PM

Quant Time: Oct 30 07:20:14 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	7.945	168	112639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	163519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	151730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	82169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	49079	44.327	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.660%		
35) Dibromofluoromethane	7.878	113	44865	46.771	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.540%		
50) Toluene-d8	10.323	98	168526	46.815	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.640%		
62) 4-Bromofluorobenzene	12.615	95	64914	47.798	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.008	85	5880	21.404	ug/l	99
3) Chloromethane	2.215	50	13518	20.071	ug/l	98
4) Vinyl Chloride	2.355	62	15657	19.864	ug/l	95
5) Bromomethane	2.757	94	8417	26.394	ug/l	99
6) Chloroethane	2.910	64	4581	23.239	ug/l	99
7) Trichlorofluoromethane	3.245	101	7617	20.540	ug/l	93
8) Diethyl Ether	3.678	74	7936	17.266	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.050	101	18051	19.874	ug/l	99
10) Methyl Iodide	4.263	142	20870	19.857	ug/l	98
11) Tert butyl alcohol	5.172	59	4636	78.676	ug/l	95
12) 1,1-Dichloroethene	4.038	96	16329	18.444	ug/l	97
13) Acrolein	3.885	56	2355	90.905	ug/l	98
14) Allyl chloride	4.666	41	25077	18.418	ug/l	99
15) Acrylonitrile	5.367	53	18259	84.854	ug/l	98
16) Acetone	4.123	43	17206	76.455	ug/l	97
17) Carbon Disulfide	4.379	76	46573	19.006	ug/l	98
18) Methyl Acetate	4.672	43	13715	17.323	ug/l	98
19) Methyl tert-butyl Ether	5.415	73	20653	17.024	ug/l	100
20) Methylene Chloride	4.909	84	23468	21.339	ug/l	98
21) trans-1,2-Dichloroethene	5.428	96	18223	18.404	ug/l	90
22) Diisopropyl ether	6.312	45	52338	18.428	ug/l	96
23) Vinyl Acetate	6.251	43	131389	85.015	ug/l	100
24) 1,1-Dichloroethane	6.214	63	33477	18.389	ug/l	99
25) 2-Butanone	7.171	43	23104	77.570	ug/l	100
26) 2,2-Dichloropropane	7.165	77	19351	19.103	ug/l	100
27) cis-1,2-Dichloroethene	7.165	96	19804	18.286	ug/l	99
28) Bromochloromethane	7.507	49	16465	19.464	ug/l #	98
29) Tetrahydrofuran	7.531	42	14674	81.423	ug/l	97
30) Chloroform	7.671	83	35269	18.557	ug/l	98
31) Cyclohexane	7.952	56	33848	18.243	ug/l	95
32) 1,1,1-Trichloroethane	7.872	97	28117	19.322	ug/l	99
36) 1,1-Dichloropropene	8.080	75	27676	18.972	ug/l	100
37) Ethyl Acetate	7.250	43	11167	17.938	ug/l	98
38) Carbon Tetrachloride	8.067	117	26394	19.647	ug/l	94
39) Methylcyclohexane	9.335	83	32568	18.477	ug/l	97
40) Benzene	8.323	78	78856	18.835	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.476	41	6025	16.451	ug/l	97
42) 1,2-Dichloroethane	8.397	62	23516	18.276	ug/l	100
43) Isopropyl Acetate	8.421	43	19898	16.688	ug/l	98
44) Trichloroethene	9.092	130	20288	18.445	ug/l	99
45) 1,2-Dichloropropane	9.366	63	18385	18.618	ug/l	96
46) Dibromomethane	9.457	93	9871	18.396	ug/l	98
47) Bromodichloromethane	9.640	83	25464	18.695	ug/l	96
48) Methyl methacrylate	9.433	41	9373	16.053	ug/l	99
49) 1,4-Dioxane	9.445	88	2663	374.346	ug/l	96
51) 4-Methyl-2-Pentanone	10.207	43	52610	84.340	ug/l	99
52) Toluene	10.384	92	49348	19.284	ug/l	100
53) t-1,3-Dichloropropene	10.604	75	24446	17.814	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	28594	18.113	ug/l	99
55) 1,1,2-Trichloroethane	10.786	97	13623	18.201	ug/l	99
56) Ethyl methacrylate	10.646	69	15892	17.131	ug/l	99
57) 1,3-Dichloropropane	10.933	76	23528	18.020	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.921	63	46227	104.274	ug/l	99
59) 2-Hexanone	10.969	43	35838	81.240	ug/l	100
60) Dibromochloromethane	11.128	129	16551	18.503	ug/l	98
61) 1,2-Dibromoethane	11.231	107	12649	17.658	ug/l	98
64) Tetrachloroethene	10.860	164	18500	19.146	ug/l	94
65) Chlorobenzene	11.652	112	51969	18.888	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	18730	18.678	ug/l	99
67) Ethyl Benzene	11.731	91	93527	18.764	ug/l	99
68) m/p-Xylenes	11.835	106	74093	38.375	ug/l	100
69) o-Xylene	12.164	106	33244	18.706	ug/l	99
70) Styrene	12.176	104	57784	18.968	ug/l	100
71) Bromoform	12.347	173	9689	17.678	ug/l #	95
73) Isopropylbenzene	12.463	105	92069	18.899	ug/l	98
74) N-amyl acetate	12.268	43	19164	17.915	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	15409	17.611	ug/l	99
76) 1,2,3-Trichloropropane	12.762	75	12295m	17.454	ug/l	
77) Bromobenzene	12.743	156	22519	18.756	ug/l	99
78) n-propylbenzene	12.804	91	115718	18.925	ug/l	100
79) 2-Chlorotoluene	12.890	91	66366	18.845	ug/l	99
80) 1,3,5-Trimethylbenzene	12.938	105	82972	19.221	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	4842	18.087	ug/l	96
82) 4-Chlorotoluene	12.987	91	70831	18.950	ug/l	98
83) tert-Butylbenzene	13.201	119	69190	18.854	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	82271	19.138	ug/l	100
85) sec-Butylbenzene	13.377	105	106442	19.281	ug/l	99
86) p-Isopropyltoluene	13.493	119	89668	19.130	ug/l	100
87) 1,3-Dichlorobenzene	13.493	146	46198	18.774	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	46392	18.897	ug/l	96
89) n-Butylbenzene	13.822	91	84726	19.230	ug/l	98
90) Hexachloroethane	14.091	117	15725	18.430	ug/l	95
91) 1,2-Dichlorobenzene	13.865	146	40739	18.908	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2567	16.453	ug/l	98
93) 1,2,4-Trichlorobenzene	15.127	180	26746	18.097	ug/l	99
94) Hexachlorobutadiene	15.231	225	18043	18.893	ug/l	99
95) Naphthalene	15.359	128	41592	17.800	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	24303	18.311	ug/l	96

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

