

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020859.D
 Acq On : 12 Nov 2021 17:33
 Operator : SY/VA
 Sample : VW1112SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBS01

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 15 00:09:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 13 07:30:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	104005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	148744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	135910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	71069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	45205	52.559	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.120%			
35) Dibromofluoromethane	7.885	113	45705	54.963	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.920%			
50) Toluene-d8	10.323	98	172113	52.901	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.800%			
62) 4-Bromofluorobenzene	12.615	95	61871	52.710	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	3302	16.929	ug/l	98
3) Chloromethane	2.209	50	10752	19.118	ug/l	100
4) Vinyl Chloride	2.361	62	11407	13.086	ug/l	98
5) Bromomethane	2.770	94	8048	13.382	ug/l	100
6) Chloroethane	2.910	64	5668	14.664	ug/l	98
7) Trichlorofluoromethane	3.251	101	8110	17.864	ug/l	96
8) Diethyl Ether	3.684	74	7176	20.257	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.062	101	13529	16.942	ug/l	98
10) Methyl Iodide	4.269	142	22384	20.416	ug/l	98
11) Tert butyl alcohol	5.196	59	7017m	118.644	ug/l	
12) 1,1-Dichloroethene	4.038	96	13788	17.844	ug/l	98
13) Acrolein	3.891	56	2104	80.917	ug/l	98
14) Allyl chloride	4.666	41	22638	19.782	ug/l	93
15) Acrylonitrile	5.373	53	14647	72.483	ug/l	99
16) Acetone	4.135	43	13918	69.895	ug/l	97
17) Carbon Disulfide	4.379	76	34698	16.849	ug/l	100
18) Methyl Acetate	4.672	43	12050	16.103	ug/l	98
19) Methyl tert-butyl Ether	5.422	73	25363	23.025	ug/l	97
20) Methylene Chloride	4.916	84	15781	18.128	ug/l	94
21) trans-1,2-Dichloroethene	5.422	96	16326	19.467	ug/l	93
22) Diisopropyl ether	6.312	45	45111	20.992	ug/l	96
23) Vinyl Acetate	6.257	43	118774	89.150	ug/l	99
24) 1,1-Dichloroethane	6.214	63	27444	19.389	ug/l	96
25) 2-Butanone	7.177	43	20426	71.084	ug/l	96
26) 2,2-Dichloropropane	7.159	77	21072	21.937	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	18067	19.601	ug/l	95
28) Bromochloromethane	7.513	49	14246	21.231	ug/l #	90
29) Tetrahydrofuran	7.531	42	12790	71.402	ug/l	99
30) Chloroform	7.677	83	29663	19.889	ug/l	99
31) Cyclohexane	7.958	56	26781	17.360	ug/l #	95
32) 1,1,1-Trichloroethane	7.872	97	25448	19.204	ug/l	96
36) 1,1-Dichloropropene	8.086	75	22937	18.656	ug/l	97
37) Ethyl Acetate	7.250	43	9465	15.946	ug/l	97
38) Carbon Tetrachloride	8.067	117	23162	17.986	ug/l	94
39) Methylcyclohexane	9.335	83	29468	18.273	ug/l	93
40) Benzene	8.323	78	63634	19.337	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	4903	14.314	ug/l #	89
42) 1,2-Dichloroethane	8.397	62	18621	19.227	ug/l	98
43) Isopropyl Acetate	8.421	43	18546	16.434	ug/l	97
44) Trichloroethene	9.092	130	19223	19.627	ug/l	99
45) 1,2-Dichloropropane	9.372	63	15157	20.279	ug/l	99
46) Dibromomethane	9.457	93	8730	18.885	ug/l	97
47) Bromodichloromethane	9.640	83	21745	19.685	ug/l	95
48) Methyl methacrylate	9.433	41	7890	14.645	ug/l	89
49) 1,4-Dioxane	9.457	88	2226	318.152	ug/l #	76
51) 4-Methyl-2-Pentanone	10.207	43	46758	78.017	ug/l	99
52) Toluene	10.384	92	41913	19.441	ug/l	99
53) t-1,3-Dichloropropene	10.604	75	21899	19.269	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	25249	19.966	ug/l	95
55) 1,1,2-Trichloroethane	10.786	97	12102	19.718	ug/l	91
56) Ethyl methacrylate	10.646	69	15258	18.016	ug/l	94
57) 1,3-Dichloropropane	10.927	76	19911	19.203	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.921	63	46250	97.195	ug/l	94
59) 2-Hexanone	10.969	43	32557	74.012	ug/l	99
60) Dibromochloromethane	11.128	129	14926	18.508	ug/l	96
61) 1,2-Dibromoethane	11.231	107	11969	18.875	ug/l	95
64) Tetrachloroethene	10.866	164	16473	18.731	ug/l	87
65) Chlorobenzene	11.658	112	46574	19.596	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.731	131	17342	20.113	ug/l	98
67) Ethyl Benzene	11.731	91	81255	18.599	ug/l	96
68) m/p-Xylenes	11.835	106	65261	37.778	ug/l	93
69) o-Xylene	12.164	106	30913	19.282	ug/l	92
70) Styrene	12.176	104	50724	18.944	ug/l	99
71) Bromoform	12.347	173	9672	17.355	ug/l #	99
73) Isopropylbenzene	12.463	105	84777	19.122	ug/l	98
74) N-amyl acetate	12.268	43	18235	17.225	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	13126	16.586	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	8287m	15.166	ug/l	
77) Bromobenzene	12.749	156	20783	20.231	ug/l	90
78) n-propylbenzene	12.804	91	98349	18.260	ug/l	98
79) 2-Chlorotoluene	12.890	91	55794	18.886	ug/l	94
80) 1,3,5-Trimethylbenzene	12.945	105	70124	18.986	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.506	75	4452	16.037	ug/l	94
82) 4-Chlorotoluene	12.987	91	58323	19.078	ug/l	95
83) tert-Butylbenzene	13.201	119	63238	18.236	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	70614	19.453	ug/l	99
85) sec-Butylbenzene	13.377	105	91645	18.488	ug/l	97
86) p-Isopropyltoluene	13.493	119	78956	18.585	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	41311	19.884	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	40598	19.783	ug/l	99
89) n-Butylbenzene	13.816	91	72527	18.338	ug/l	99
90) Hexachloroethane	14.091	117	15358	18.801	ug/l	100
91) 1,2-Dichlorobenzene	13.865	146	36131	20.566	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2296	14.459	ug/l	92
93) 1,2,4-Trichlorobenzene	15.127	180	27187	20.314	ug/l	93
94) Hexachlorobutadiene	15.231	225	15011	17.794	ug/l	95
95) Naphthalene	15.365	128	42404	16.197	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	22166	19.175	ug/l	98

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

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