

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111021\
 Data File : VW020831.D
 Acq On : 10 Nov 2021 12:50
 Operator : SY/VA
 Sample : VSTDICC150
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 11 01:39:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 11 01:36:54 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	89182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	129699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	115374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	59054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	113117	111.976	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 223.960%#			
35) Dibromofluoromethane	7.885	113	108176	122.233	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 244.460%#			
50) Toluene-d8	10.323	98	421003	125.083	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 250.160%#			
62) 4-Bromofluorobenzene	12.615	95	153021	123.006	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 246.020%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	27778	106.153	ug/l	98
3) Chloromethane	2.209	50	68259	109.321	ug/l	99
4) Vinyl Chloride	2.355	62	108822	138.082	ug/l	96
5) Bromomethane	2.751	94	71975	150.624	ug/l	94
6) Chloroethane	2.904	64	54507	166.780	ug/l	96
7) Trichlorofluoromethane	3.251	101	66134	149.492	ug/l	97
8) Diethyl Ether	3.684	74	47308	108.397	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.056	101	104226	116.303	ug/l	97
10) Methyl Iodide	4.263	142	146981	136.218	ug/l	100
11) Tert butyl alcohol	5.184	59	36188	629.542	ug/l #	85
12) 1,1-Dichloroethene	4.038	96	101955	121.164	ug/l	98
13) Acrolein	3.891	56	13539	488.640	ug/l	98
14) Allyl chloride	4.666	41	156193	118.486	ug/l	95
15) Acrylonitrile	5.367	53	133926	614.726	ug/l	99
16) Acetone	4.123	43	135517	567.125	ug/l	100
17) Carbon Disulfide	4.379	76	269860	113.398	ug/l	100
18) Methyl Acetate	4.672	43	97060	129.640	ug/l	99
19) Methyl tert-butyl Ether	5.428	73	146673	106.122	ug/l	99
20) Methylene Chloride	4.916	84	98573	90.422	ug/l	98
21) trans-1,2-Dichloroethene	5.422	96	112370	120.797	ug/l	94
22) Diisopropyl ether	6.312	45	298140	110.412	ug/l	98
23) Vinyl Acetate	6.257	43	926576	600.727	ug/l	99
24) 1,1-Dichloroethane	6.214	63	192434	111.227	ug/l	98
25) 2-Butanone	7.171	43	191231	639.808	ug/l	100
26) 2,2-Dichloropropane	7.165	77	128003	116.111	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	124449	120.815	ug/l	94
28) Bromochloromethane	7.513	49	89008	122.772	ug/l #	96
29) Tetrahydrofuran	7.531	42	116663	636.380	ug/l	99
30) Chloroform	7.677	83	200452	111.566	ug/l	99
31) Cyclohexane	7.952	56	190530	112.730	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	177923	120.711	ug/l	98
36) 1,1-Dichloropropene	8.080	75	164568	119.517	ug/l	98
37) Ethyl Acetate	7.250	43	78253	123.216	ug/l	100
38) Carbon Tetrachloride	8.067	117	177531	130.496	ug/l	99
39) Methylcyclohexane	9.335	83	210142	128.803	ug/l	97
40) Benzene	8.323	78	440554	113.122	ug/l	99

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41) Methacrylonitrile	7.482	41	51620	141.997	ug/l	98
42) 1,2-Dichloroethane	8.403	62	129469	107.503	ug/l	99
43) Isopropyl Acetate	8.427	43	153284	128.209	ug/l	99
44) Trichloroethene	9.092	130	129266	124.496	ug/l	95
45) 1,2-Dichloropropane	9.366	63	101196	109.293	ug/l	98
46) Dibromomethane	9.457	93	61307	118.499	ug/l	98
47) Bromodichloromethane	9.646	83	152020	117.478	ug/l	96
48) Methyl methacrylate	9.433	41	73346	129.543	ug/l	96
49) 1,4-Dioxane	9.457	88	17386	2583.004	ug/l	95
51) 4-Methyl-2-Pentanone	10.207	43	401035	633.711	ug/l	100
52) Toluene	10.390	92	289836	119.652	ug/l	98
53) t-1,3-Dichloropropene	10.604	75	158593	122.104	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	171233	115.653	ug/l	97
55) 1,1,2-Trichloroethane	10.786	97	82947	116.020	ug/l	99
56) Ethyl methacrylate	10.646	69	116991	128.099	ug/l	96
57) 1,3-Dichloropropane	10.933	76	140588	112.488	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	318690	735.110	ug/l	97
59) 2-Hexanone	10.969	43	289773	640.119	ug/l	99
60) Dibromochloromethane	11.128	129	110103	127.951	ug/l	97
61) 1,2-Dibromoethane	11.231	107	86359	125.173	ug/l	100
64) Tetrachloroethene	10.860	164	112261	127.000	ug/l	93
65) Chlorobenzene	11.658	112	300403	118.671	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	112332	123.330	ug/l	97
67) Ethyl Benzene	11.731	91	570134	125.363	ug/l	96
68) m/p-Xylenes	11.835	106	447696	254.024	ug/l	96
69) o-Xylene	12.164	106	208335	128.348	ug/l	95
70) Styrene	12.183	104	359318	127.900	ug/l	100
71) Bromoform	12.347	173	75509	144.070	ug/l #	99
73) Isopropylbenzene	12.463	105	582780	135.637	ug/l	97
74) N-amyl acetate	12.274	43	141716	136.394	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	102677	128.103	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	70089m	112.264	ug/l	
77) Bromobenzene	12.743	156	134409	129.579	ug/l	95
78) n-propylbenzene	12.804	91	711631	134.300	ug/l	100
79) 2-Chlorotoluene	12.890	91	386303	126.901	ug/l	98
80) 1,3,5-Trimethylbenzene	12.945	105	475323	128.175	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.512	75	37804	146.573	ug/l	97
82) 4-Chlorotoluene	12.987	91	402207	125.591	ug/l	99
83) tert-Butylbenzene	13.207	119	438920	136.139	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	470662	128.294	ug/l	98
85) sec-Butylbenzene	13.384	105	636863	133.434	ug/l	96
86) p-Isopropyltoluene	13.499	119	553786	135.519	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	259132	123.191	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	256385	123.618	ug/l	99
89) n-Butylbenzene	13.822	91	509136	133.268	ug/l	99
90) Hexachloroethane	14.091	117	106521	145.942	ug/l	91
91) 1,2-Dichlorobenzene	13.871	146	223617	121.628	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	20790	142.521	ug/l	96
93) 1,2,4-Trichlorobenzene	15.127	180	158308	122.155	ug/l	96
94) Hexachlorobutadiene	15.231	225	98928	120.547	ug/l	96
95) Naphthalene	15.365	128	325802	146.812	ug/l	98
96) 1,2,3-Trichlorobenzene	15.554	180	141146	125.791	ug/l	99

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

