

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081324\
 Data File : VD079725.D
 Acq On : 13 Aug 2024 18:54
 Operator : RP/MD
 Sample : VD0813SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0813SBS01

Quant Time: Aug 14 05:54:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 13 01:06:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/14/2024
 Supervised By :Mahesh Dadoda 08/14/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	162897	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	313036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	288997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	150368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	105039	56.048	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.100%			
35) Dibromofluoromethane	7.805	113	103665	53.718	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.440%			
50) Toluene-d8	10.263	98	433350	53.728	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.460%			
62) 4-Bromofluorobenzene	12.569	95	124378	55.074	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.140%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	36349	24.665	ug/l	99
3) Chloromethane	2.146	50	70677	22.464	ug/l	96
4) Vinyl Chloride	2.275	62	80736	21.708	ug/l	98
5) Bromomethane	2.675	94	52213	20.625	ug/l	98
6) Chloroethane	2.822	64	56693	22.331	ug/l	98
7) Trichlorofluoromethane	3.164	101	68366	20.553	ug/l	94
8) Diethyl Ether	3.581	74	21973	21.126	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.958	101	39225	20.032	ug/l	93
10) Methyl Iodide	4.158	142	40182	18.334	ug/l	93
11) Tert butyl alcohol	5.064	59	13551	145.089	ug/l #	87
12) 1,1-Dichloroethene	3.928	96	40892	19.972	ug/l	95
13) Acrolein	3.793	56	21951	100.696	ug/l	93
14) Allyl chloride	4.552	41	58192	18.949	ug/l #	88
15) Acrylonitrile	5.252	53	54781	114.411	ug/l	95
16) Acetone	4.022	43	39836	102.780	ug/l	95
17) Carbon Disulfide	4.269	76	146460	20.179	ug/l	99
18) Methyl Acetate	4.564	43	27639	21.631	ug/l #	87
19) Methyl tert-butyl Ether	5.322	73	92743	22.059	ug/l	96
20) Methylene Chloride	4.799	84	63662	21.216	ug/l #	81
21) trans-1,2-Dichloroethene	5.305	96	47406	21.088	ug/l	94
22) Diisopropyl ether	6.216	45	138437	21.875	ug/l	94
23) Vinyl Acetate	6.158	43	521524	112.427	ug/l #	91
24) 1,1-Dichloroethane	6.105	63	84606	20.223	ug/l	99
25) 2-Butanone	7.081	43	60094	104.225	ug/l	90
26) 2,2-Dichloropropane	7.075	77	61480	18.608	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	52305	20.059	ug/l	87
28) Bromochloromethane	7.422	49	38280	21.509	ug/l #	65
29) Tetrahydrofuran	7.452	42	40575	115.760	ug/l #	79
30) Chloroform	7.593	83	84664	20.840	ug/l	99
31) Cyclohexane	7.875	56	65940	19.249	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	68704	20.441	ug/l	98
36) 1,1-Dichloropropene	8.005	75	59421	19.864	ug/l	95
37) Ethyl Acetate	7.163	43	29883	22.074	ug/l	94
38) Carbon Tetrachloride	7.993	117	59972	19.751	ug/l	94
39) Methylcyclohexane	9.269	83	67738	19.159	ug/l	92
40) Benzene	8.252	78	193359	19.875	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	10799	15.146	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	48420	21.531	ug/l	97
43) Isopropyl Acetate	8.363	43	52651	22.300	ug/l	93
44) Trichloroethene	9.028	130	42767	20.014	ug/l	96
45) 1,2-Dichloropropane	9.304	63	49092	20.500	ug/l	89
46) Dibromomethane	9.393	93	25647	21.154	ug/l	88
47) Bromodichloromethane	9.587	83	64385	21.068	ug/l	98
48) Methyl methacrylate	9.381	41	22121	20.370	ug/l	89
49) 1,4-Dioxane	9.387	88	5936	486.482	ug/l #	71
51) 4-Methyl-2-Pentanone	10.157	43	137526	113.222	ug/l	92
52) Toluene	10.328	92	121657	20.854	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	57949	20.284	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	71391	20.361	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	35070	21.700	ug/l	92
56) Ethyl methacrylate	10.599	69	42130	22.837	ug/l #	87
57) 1,3-Dichloropropane	10.875	76	61606	22.111	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	98570	111.841	ug/l	90
59) 2-Hexanone	10.922	43	95274	116.597	ug/l	94
60) Dibromochloromethane	11.069	129	42928	21.559	ug/l	99
61) 1,2-Dibromoethane	11.175	107	30917	21.543	ug/l	93
64) Tetrachloroethene	10.804	164	36023	20.400	ug/l	90
65) Chlorobenzene	11.604	112	127690	20.122	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	42911	20.741	ug/l	96
67) Ethyl Benzene	11.681	91	212054	19.044	ug/l	97
68) m/p-Xylenes	11.793	106	170036	39.271	ug/l	93
69) o-Xylene	12.116	106	78580	19.857	ug/l	93
70) Styrene	12.134	104	140412	20.226	ug/l	97
71) Bromoform	12.298	173	22889	21.523	ug/l #	92
73) Isopropylbenzene	12.416	105	192898	18.273	ug/l	99
74) N-amyl acetate	12.228	43	52380	22.271	ug/l	88
75) 1,1,2,2-Tetrachloroethane	12.669	83	41448	21.028	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	24961m	20.362	ug/l	
77) Bromobenzene	12.698	156	46509	19.699	ug/l	80
78) n-propylbenzene	12.763	91	243415	18.634	ug/l	96
79) 2-Chlorotoluene	12.845	91	140117	19.262	ug/l	92
80) 1,3,5-Trimethylbenzene	12.898	105	165798	18.939	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	15160	21.075	ug/l	99
82) 4-Chlorotoluene	12.945	91	146890	19.203	ug/l	97
83) tert-Butylbenzene	13.163	119	138710	18.774	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	168368	18.799	ug/l	99
85) sec-Butylbenzene	13.340	105	212109	18.631	ug/l	99
86) p-Isopropyltoluene	13.457	119	172426	18.029	ug/l	98
87) 1,3-Dichlorobenzene	13.451	146	99638	19.824	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	96336	19.417	ug/l	93
89) n-Butylbenzene	13.781	91	161905	17.959	ug/l	98
90) Hexachloroethane	14.051	117	35794	18.240	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	86547	19.993	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.439	75	5724	21.275	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	48537	19.491	ug/l	97
94) Hexachlorobutadiene	15.198	225	23971	19.142	ug/l	94
95) Naphthalene	15.328	128	97836	20.542	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	44293	20.292	ug/l	96

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

