

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081224\
 Data File : VD079710.D
 Acq On : 12 Aug 2024 17:12
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD081224

Quant Time: Aug 13 01:28:52 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 :Semsettin Yesilyurt 08/13/2024
 Supervised By :Mahesh Dadoda 08/13/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	212051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	395237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	344581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	170182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	121536	49.818	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.640%		
35) Dibromofluoromethane	7.804	113	121405	49.826	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.660%		
50) Toluene-d8	10.269	98	534534	52.489	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	104.980%		
62) 4-Bromofluorobenzene	12.569	95	151455	53.116	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	106.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	87092	49.900	ug/l	99
3) Chloromethane	2.146	50	183930	44.910	ug/l	99
4) Vinyl Chloride	2.281	62	226146	46.710	ug/l	100
5) Bromomethane	2.687	94	148030	44.920	ug/l	96
6) Chloroethane	2.834	64	152498	46.144	ug/l	94
7) Trichlorofluoromethane	3.169	101	204681	47.271	ug/l	95
8) Diethyl Ether	3.593	74	64669	47.763	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.963	101	121693	47.741	ug/l	93
10) Methyl Iodide	4.158	142	130823	45.853	ug/l	95
11) Tert butyl alcohol	5.057	59	33531	275.540	ug/l #	82
12) 1,1-Dichloroethene	3.934	96	129087	48.431	ug/l	89
13) Acrolein	3.793	56	75774	267.025	ug/l	99
14) Allyl chloride	4.558	41	201631	50.436	ug/l #	83
15) Acrylonitrile	5.252	53	149191	239.360	ug/l	98
16) Acetone	4.016	43	154441	264.437	ug/l	98
17) Carbon Disulfide	4.263	76	439745	46.543	ug/l	98
18) Methyl Acetate	4.558	43	67272	40.445	ug/l #	84
19) Methyl tert-butyl Ether	5.316	73	271077	49.531	ug/l	98
20) Methylene Chloride	4.793	84	166167	48.969	ug/l #	84
21) trans-1,2-Dichloroethene	5.310	96	143578	49.064	ug/l #	83
22) Diisopropyl ether	6.216	45	411070	49.898	ug/l #	91
23) Vinyl Acetate	6.152	43	1576970	261.152	ug/l #	93
24) 1,1-Dichloroethane	6.104	63	256688	47.133	ug/l	93
25) 2-Butanone	7.081	43	191109	254.621	ug/l	92
26) 2,2-Dichloropropane	7.075	77	205064	47.679	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	163208	48.082	ug/l	85
28) Bromochloromethane	7.422	49	116605	50.332	ug/l #	65
29) Tetrahydrofuran	7.446	42	109349	239.656	ug/l #	80
30) Chloroform	7.593	83	242926	45.936	ug/l	96
31) Cyclohexane	7.869	56	220205	49.382	ug/l #	81
32) 1,1,1-Trichloroethane	7.787	97	205441	46.956	ug/l	97
36) 1,1-Dichloropropene	8.010	75	185896	49.219	ug/l	95
37) Ethyl Acetate	7.169	43	77893	45.571	ug/l	94
38) Carbon Tetrachloride	7.987	117	185325	48.341	ug/l	98
39) Methylcyclohexane	9.275	83	235016	52.646	ug/l	91
40) Benzene	8.251	78	576127	46.902	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	43638	48.476	ug/l #	83
42) 1,2-Dichloroethane	8.322	62	130415	45.931	ug/l	96
43) Isopropyl Acetate	8.357	43	146573	49.170	ug/l #	92
44) Trichloroethene	9.028	130	131256	48.651	ug/l	90
45) 1,2-Dichloropropane	9.304	63	142053	46.982	ug/l	99
46) Dibromomethane	9.393	93	68540	44.776	ug/l #	87
47) Bromodichloromethane	9.581	83	177358	45.964	ug/l	99
48) Methyl methacrylate	9.375	41	69211	50.477	ug/l #	78
49) 1,4-Dioxane	9.381	88	15150	983.381	ug/l #	75
51) 4-Methyl-2-Pentanone	10.157	43	374050	243.900	ug/l	92
52) Toluene	10.328	92	361394	49.064	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	174608	48.408	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	211934	47.873	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	92028	45.100	ug/l	95
56) Ethyl methacrylate	10.592	69	126149	50.164	ug/l #	88
57) 1,3-Dichloropropane	10.875	76	166951	47.458	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	296434	266.393	ug/l #	88
59) 2-Hexanone	10.916	43	287679	256.639	ug/l	94
60) Dibromochloromethane	11.069	129	114481	45.536	ug/l	96
61) 1,2-Dibromoethane	11.181	107	82481	45.520	ug/l	95
64) Tetrachloroethene	10.810	164	103284	49.056	ug/l	95
65) Chlorobenzene	11.604	112	369990	48.899	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	117968	47.822	ug/l	97
67) Ethyl Benzene	11.681	91	675610	50.889	ug/l	96
68) m/p-Xylenes	11.792	106	522314	101.172	ug/l	91
69) o-Xylene	12.116	106	241029	51.083	ug/l	89
70) Styrene	12.134	104	418015	50.500	ug/l	95
71) Bromoform	12.298	173	59461	46.893	ug/l #	100
73) Isopropylbenzene	12.416	105	633165	52.994	ug/l	99
74) N-amyl acetate	12.234	43	142082	53.377	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.669	83	103658	46.466	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	66774m	48.130	ug/l	
77) Bromobenzene	12.698	156	130731	48.924	ug/l	80
78) n-propylbenzene	12.757	91	791221	53.517	ug/l	97
79) 2-Chlorotoluene	12.845	91	425453	51.678	ug/l	93
80) 1,3,5-Trimethylbenzene	12.898	105	526333	53.123	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	40502	49.750	ug/l	99
82) 4-Chlorotoluene	12.945	91	441328	50.978	ug/l	95
83) tert-Butylbenzene	13.163	119	447336	53.497	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	534354	52.716	ug/l	97
85) sec-Butylbenzene	13.339	105	703369	54.588	ug/l	98
86) p-Isopropyltoluene	13.457	119	587528	54.279	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	278082	48.885	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	273334	48.678	ug/l	96
89) n-Butylbenzene	13.781	91	569213	55.789	ug/l	97
90) Hexachloroethane	14.051	117	109840	49.457	ug/l	90
91) 1,2-Dichlorobenzene	13.828	146	239309	48.847	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	14896	48.919	ug/l	78
93) 1,2,4-Trichlorobenzene	15.092	180	146099	51.838	ug/l	99
94) Hexachlorobutadiene	15.198	225	80716	56.950	ug/l	94
95) Naphthalene	15.328	128	289270	53.665	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	125279	50.711	ug/l	97

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

