

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
 Data File : VD077125.D
 Acq On : 18 Sep 2023 12:41
 Operator : JC/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 19 03:51:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 03:32:44 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 09/19/2023
 Supervised By : Mahesh Dadoda 09/19/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	257061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	419442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	410709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	212981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	382717	147.523	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 295.040%#			
35) Dibromofluoromethane	7.804	113	437315	150.104	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 300.200%#			
50) Toluene-d8	10.269	98	1672695	161.301	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 322.600%#			
62) 4-Bromofluorobenzene	12.575	95	517678	161.063	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 322.120%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	334319	125.848	ug/l	94
3) Chloromethane	2.146	50	626578	127.596	ug/l	99
4) Vinyl Chloride	2.281	62	737220	140.345	ug/l	99
5) Bromomethane	2.669	94	606723	158.587	ug/l	99
6) Chloroethane	2.828	64	513970	157.247	ug/l	98
7) Trichlorofluoromethane	3.169	101	691654	145.676	ug/l	100
8) Diethyl Ether	3.587	74	233431	152.332	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.957	101	409552	137.969	ug/l	100
10) Methyl Iodide	4.157	142	663445	156.371	ug/l	93
11) Tert butyl alcohol	5.057	59	112602	761.264	ug/l	98
12) 1,1-Dichloroethene	3.934	96	439280	146.897	ug/l	90
13) Acrolein	3.793	56	69768	750.157	ug/l	98
14) Allyl chloride	4.557	41	576500	158.015	ug/l	94
15) Acrylonitrile	5.246	53	497609	774.410	ug/l	99
16) Acetone	4.016	43	428901	723.356	ug/l	89
17) Carbon Disulfide	4.263	76	1384715	140.663	ug/l	98
18) Methyl Acetate	4.557	43	345348	154.029	ug/l	92
19) Methyl tert-butyl Ether	5.316	73	1048913	162.101	ug/l	99
20) Methylene Chloride	4.793	84	527909	150.393	ug/l	90
21) trans-1,2-Dichloroethene	5.310	96	541712	149.859	ug/l	94
22) Diisopropyl ether	6.216	45	1286194	155.924	ug/l	98
23) Vinyl Acetate	6.151	43	2710631m	813.732	ug/l	
24) 1,1-Dichloroethane	6.110	63	858756	145.049	ug/l	98
25) 2-Butanone	7.081	43	618434	792.799	ug/l	88
26) 2,2-Dichloropropane	7.075	77	761254	151.480	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	627298	154.368	ug/l	98
28) Bromochloromethane	7.428	49	258240	142.046	ug/l	89
29) Tetrahydrofuran	7.440	42	361212	792.103	ug/l	92
30) Chloroform	7.593	83	918000	143.873	ug/l	98
31) Cyclohexane	7.875	56	644411	141.983	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	785113	147.411	ug/l	97
36) 1,1-Dichloropropene	8.004	75	690907	157.467	ug/l	98
37) Ethyl Acetate	7.163	43	263716	156.659	ug/l	96
38) Carbon Tetrachloride	7.993	117	673828	156.253	ug/l	100
39) Methylcyclohexane	9.275	83	804618	159.382	ug/l	95
40) Benzene	8.245	78	2122425	156.350	ug/l	99

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41) Methacrylonitrile	7.398	41	134133	149.286	ug/l #	94
42) 1,2-Dichloroethane	8.322	62	506056	150.361	ug/l	98
43) Isopropyl Acetate	8.357	43	511622	165.071	ug/l	92
44) Trichloroethene	9.028	130	570709	151.899	ug/l	97
45) 1,2-Dichloropropane	9.304	63	505836	153.415	ug/l	99
46) Dibromomethane	9.392	93	291554	152.169	ug/l	96
47) Bromodichloromethane	9.581	83	702244	151.670	ug/l	97
48) Methyl methacrylate	9.381	41	240313	170.410	ug/l	82
49) 1,4-Dioxane	9.381	88	59284	3427.892	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	1334718	823.414	ug/l	94
52) Toluene	10.334	92	1404833	161.767	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	710371	164.224	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	837311	161.565	ug/l #	94
55) 1,1,2-Trichloroethane	10.734	97	399789	153.413	ug/l	96
56) Ethyl methacrylate	10.598	69	490076	175.046	ug/l	92
57) 1,3-Dichloropropane	10.881	76	661689	156.848	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	1200607	748.249	ug/l	99
59) 2-Hexanone	10.922	43	985341	847.217	ug/l	92
60) Dibromochloromethane	11.075	129	493310	154.554	ug/l	96
61) 1,2-Dibromoethane	11.181	107	388553	154.232	ug/l	100
64) Tetrachloroethene	10.810	164	470235	147.156	ug/l	95
65) Chlorobenzene	11.610	112	1476694	152.841	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	545722	154.390	ug/l	97
67) Ethyl Benzene	11.686	91	2721276	163.863	ug/l	97
68) m/p-Xylenes	11.792	106	2146987	322.888	ug/l	93
69) o-Xylene	12.122	106	1012328	165.871	ug/l	93
70) Styrene	12.134	104	1746236	167.943	ug/l	97
71) Bromoform	12.298	173	293503	149.798	ug/l #	100
73) Isopropylbenzene	12.422	105	2558341	162.566	ug/l	97
74) N-amyl acetate	12.233	43	509666	172.408	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	444494	149.669	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	245708m	139.756	ug/l	
77) Bromobenzene	12.704	156	596730	152.283	ug/l	93
78) n-propylbenzene	12.763	91	3095498	160.923	ug/l	97
79) 2-Chlorotoluene	12.851	91	1677761	158.166	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	2162738	164.555	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	152319	169.704	ug/l	96
82) 4-Chlorotoluene	12.945	91	1761946	158.041	ug/l	96
83) tert-Butylbenzene	13.169	119	1827836	162.783	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	2196315	164.801	ug/l	96
85) sec-Butylbenzene	13.345	105	2728287	161.921	ug/l	97
86) p-Isopropyltoluene	13.463	119	2417156	169.102	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	1260148	156.370	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	1193784	150.560	ug/l	98
89) n-Butylbenzene	13.786	91	2184246	165.646	ug/l	99
90) Hexachloroethane	14.051	117	434812	153.382	ug/l	96
91) 1,2-Dichlorobenzene	13.833	146	1048103	151.689	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	63044	158.980	ug/l	92
93) 1,2,4-Trichlorobenzene	15.104	180	696968	163.499	ug/l	98
94) Hexachlorobutadiene	15.204	225	342595	151.661	ug/l	100
95) Naphthalene	15.333	128	1338989	171.296	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	613733	161.977	ug/l	100

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

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