

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100623\
 Data File : VD077289.D
 Acq On : 06 Oct 2023 14:43
 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: Oct 09 09:37:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 09 09:30:14 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
 Supervised By :Semsettin Yesilyurt 10/09/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	206548	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	341367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	326803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	163620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	404186	154.949	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 309.900%#			
35) Dibromofluoromethane	7.804	113	473214	160.652	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 321.300%#			
50) Toluene-d8	10.269	98	1803566	169.955	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 339.900%#			
62) 4-Bromofluorobenzene	12.575	95	533951	158.226	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 316.460%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	389336	140.567	ug/l	100
3) Chloromethane	2.146	50	603236	137.302	ug/l	100
4) Vinyl Chloride	2.281	62	723803	136.239	ug/l	99
5) Bromomethane	2.663	94	585271	153.625	ug/l	99
6) Chloroethane	2.822	64	446298	130.544	ug/l	97
7) Trichlorofluoromethane	3.163	101	809892	146.019	ug/l	98
8) Diethyl Ether	3.587	74	267184	160.602	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.957	101	498601	146.340	ug/l	96
10) Methyl Iodide	4.157	142	687109	160.688	ug/l	92
11) Tert butyl alcohol	5.057	59	145075	763.864	ug/l	100
12) 1,1-Dichloroethene	3.928	96	512325	154.114	ug/l	90
13) Acrolein	3.793	56	269615	762.138	ug/l	98
14) Allyl chloride	4.557	41	704512	159.450	ug/l #	91
15) Acrylonitrile	5.246	53	627340	812.375	ug/l	99
16) Acetone	4.016	43	522039	735.579	ug/l	91
17) Carbon Disulfide	4.263	76	1630728	147.189	ug/l	98
18) Methyl Acetate	4.557	43	448433	159.654	ug/l	89
19) Methyl tert-butyl Ether	5.310	73	1186681	165.416	ug/l	99
20) Methylene Chloride	4.793	84	603716	150.430	ug/l #	88
21) trans-1,2-Dichloroethene	5.304	96	601521	151.586	ug/l	93
22) Diisopropyl ether	6.216	45	1543411	160.955	ug/l	95
23) Vinyl Acetate	6.151	43	3419457m	863.786	ug/l	
24) 1,1-Dichloroethane	6.104	63	999996	150.214	ug/l	97
25) 2-Butanone	7.075	43	766042	797.409	ug/l #	87
26) 2,2-Dichloropropane	7.075	77	859409	152.907	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	686199	157.041	ug/l	93
28) Bromochloromethane	7.422	49	399511	153.702	ug/l #	78
29) Tetrahydrofuran	7.440	42	458017	831.346	ug/l	88
30) Chloroform	7.593	83	1016991	147.387	ug/l	98
31) Cyclohexane	7.875	56	827781	153.245	ug/l	89
32) 1,1,1-Trichloroethane	7.793	97	862735	148.656	ug/l	99
36) 1,1-Dichloropropene	8.004	75	786477	158.421	ug/l	96
37) Ethyl Acetate	7.163	43	320173	160.645	ug/l	93
38) Carbon Tetrachloride	7.987	117	721507	155.995	ug/l	99
39) Methylcyclohexane	9.275	83	957321	166.033	ug/l	95
40) Benzene	8.251	78	2343959	155.716	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	183088	163.946	ug/l #	89
42) 1,2-Dichloroethane	8.322	62	538887	150.526	ug/l	97
43) Isopropyl Acetate	8.357	43	597636	163.272	ug/l #	90
44) Trichloroethene	9.028	130	582568	152.454	ug/l	87
45) 1,2-Dichloropropane	9.304	63	577016	153.286	ug/l	99
46) Dibromomethane	9.392	93	313981	154.406	ug/l	90
47) Bromodichloromethane	9.587	83	747153	152.380	ug/l	99
48) Methyl methacrylate	9.381	41	282948	168.987	ug/l #	82
49) 1,4-Dioxane	9.387	88	69078	3232.601	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	1568909	823.171	ug/l	93
52) Toluene	10.334	92	1485667	158.945	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	773001	166.589	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	922775	162.288	ug/l #	94
55) 1,1,2-Trichloroethane	10.734	97	425852	152.855	ug/l	94
56) Ethyl methacrylate	10.598	69	547842	175.062	ug/l	90
57) 1,3-Dichloropropane	10.881	76	738904	159.579	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	1294014	862.124	ug/l	93
59) 2-Hexanone	10.922	43	1138756	834.817	ug/l	91
60) Dibromochloromethane	11.075	129	496974	153.594	ug/l	97
61) 1,2-Dibromoethane	11.181	107	402971	155.570	ug/l	100
64) Tetrachloroethene	10.810	164	473038	151.659	ug/l	93
65) Chlorobenzene	11.610	112	1496454	152.921	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	535704	154.412	ug/l	97
67) Ethyl Benzene	11.686	91	2927126	166.021	ug/l	96
68) m/p-Xylenes	11.792	106	2250486	328.881	ug/l	92
69) o-Xylene	12.122	106	1032604	163.907	ug/l	90
70) Styrene	12.133	104	1758105	162.215	ug/l	97
71) Bromoform	12.298	173	274149	149.429	ug/l #	100
73) Isopropylbenzene	12.422	105	2656792	167.779	ug/l	95
74) N-amyl acetate	12.233	43	546766	168.038	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	488968	155.022	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	328403m	152.257	ug/l	
77) Bromobenzene	12.704	156	566181	156.994	ug/l	84
78) n-propylbenzene	12.763	91	3243283	164.016	ug/l	95
79) 2-Chlorotoluene	12.851	91	1722134	161.676	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	2139469	164.058	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	164903	163.632	ug/l	95
82) 4-Chlorotoluene	12.945	91	1785976	158.441	ug/l	93
83) tert-Butylbenzene	13.169	119	1833587	165.422	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	2184105	166.719	ug/l	95
85) sec-Butylbenzene	13.345	105	2815176	164.552	ug/l	95
86) p-Isopropyltoluene	13.463	119	2407308	170.260	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	1188522	157.370	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	1128396	151.567	ug/l	98
89) n-Butylbenzene	13.786	91	2267122	165.101	ug/l	98
90) Hexachloroethane	14.051	117	437038	155.837	ug/l	87
91) 1,2-Dichlorobenzene	13.833	146	998735	154.254	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	66853	160.712	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	647538	163.828	ug/l	97
94) Hexachlorobutadiene	15.204	225	323725	159.369	ug/l	99
95) Naphthalene	15.333	128	1362238	176.182	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	570820	165.095	ug/l	99

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

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