

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050124\
 Data File : VD078861.D
 Acq On : 01 May 2024 14:05
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: May 02 07:40:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:30:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	179997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	271358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	267642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	138141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	243383	121.820	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	243.640%#	
35) Dibromofluoromethane	7.805	113	285496	143.292	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	286.580%#	
50) Toluene-d8	10.269	98	1155278	151.092	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	302.180%#	
62) 4-Bromofluorobenzene	12.575	95	331884	151.663	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	303.320%#	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	250750	123.234	ug/l	99
3) Chloromethane	2.152	50	338149	111.818	ug/l	96
4) Vinyl Chloride	2.281	62	551101	125.538	ug/l	94
5) Bromomethane	2.669	94	538282	122.885	ug/l	98
6) Chloroethane	2.828	64	450211	124.492	ug/l	97
7) Trichlorofluoromethane	3.175	101	454945	127.338	ug/l	99
8) Diethyl Ether	3.593	74	128091	131.486	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.969	101	280708	130.777	ug/l	99
10) Methyl Iodide	4.164	142	378972	144.340	ug/l	98
11) Tert butyl alcohol	5.052	59	57895	632.620	ug/l	97
12) 1,1-Dichloroethene	3.940	96	285774	134.278	ug/l	91
14) Allyl chloride	4.558	41	286093	133.918	ug/l	98
15) Acrylonitrile	5.252	53	243626	628.238	ug/l	95
16) Acetone	4.022	43	178171	598.034	ug/l	99
17) Carbon Disulfide	4.269	76	886230	125.923	ug/l	98
18) Methyl Acetate	4.569	43	84356	114.218	ug/l	94
19) Methyl tert-butyl Ether	5.316	73	569664	141.437	ug/l	98
21) trans-1,2-Dichloroethene	5.311	96	313470	131.356	ug/l	90
22) Diisopropyl ether	6.216	45	620396	131.330	ug/l	96
23) Vinyl Acetate	6.152	43	1971535	692.267	ug/l	95
24) 1,1-Dichloroethane	6.110	63	467193	122.843	ug/l	98
25) 2-Butanone	7.081	43	268774	643.279	ug/l	92
26) 2,2-Dichloropropane	7.075	77	424495	132.280	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	373066	136.863	ug/l	95
28) Bromochloromethane	7.428	49	175100	122.372	ug/l	89
29) Tetrahydrofuran	7.446	42	162738	665.641	ug/l	94
30) Chloroform	7.599	83	519210	122.339	ug/l	100
31) Cyclohexane	7.881	56	388900	131.113	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	467862	130.706	ug/l	98
36) 1,1-Dichloropropene	8.010	75	385899	150.581	ug/l	99
37) Ethyl Acetate	7.169	43	120388	142.026	ug/l	98
38) Carbon Tetrachloride	7.993	117	445108	150.887	ug/l	96
39) Methylcyclohexane	9.275	83	533976	169.101	ug/l	94
40) Benzene	8.252	78	1205071	143.587	ug/l	97
41) Methacrylonitrile	7.405	41	64755	154.700	ug/l	97
42) 1,2-Dichloroethane	8.328	62	266442	134.476	ug/l	100

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Manual Integrations
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Reviewed By :Romaben Patel 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Isopropyl Acetate	8.363	43	226918	146.353	ug/l	98
44) Trichloroethene	9.028	130	310217	146.738	ug/l	96
45) 1,2-Dichloropropane	9.304	63	259095	140.772	ug/l	98
46) Dibromomethane	9.393	93	160223	136.738	ug/l	99
47) Bromodichloromethane	9.587	83	395855	136.434	ug/l	96
48) Methyl methacrylate	9.381	41	109774	151.047	ug/l	95
49) 1,4-Dioxane	9.387	88	33618	3143.947	ug/l	90
51) 4-Methyl-2-Pentanone	10.157	43	592546	713.674	ug/l	96
52) Toluene	10.334	92	805041	152.714	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	359753	147.871	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	433430	147.504	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	209294	137.707	ug/l	96
56) Ethyl methacrylate	10.598	69	253898	162.586	ug/l	96
57) 1,3-Dichloropropane	10.881	76	334584	139.213	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	525585	770.776	ug/l	97
59) 2-Hexanone	10.922	43	423989	721.216	ug/l	95
60) Dibromochloromethane	11.075	129	296976	144.164	ug/l	99
61) 1,2-Dibromoethane	11.181	107	200575	142.302	ug/l	99
64) Tetrachloroethene	10.810	164	277935	152.248	ug/l	97
65) Chlorobenzene	11.604	112	887994	144.569	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	315034	146.667	ug/l	99
67) Ethyl Benzene	11.681	91	1605615	159.810	ug/l	97
68) m/p-Xylenes	11.793	106	1306271	321.111	ug/l	97
69) o-Xylene	12.122	106	605511	162.811	ug/l	100
70) Styrene	12.134	104	1047925	160.249	ug/l	99
71) Bromoform	12.298	173	164476	141.428	ug/l #	95
73) Isopropylbenzene	12.422	105	1504490	161.570	ug/l	99
74) N-amyl acetate	12.234	43	222226	143.471	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	220620	126.455	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	149543m	130.005	ug/l	
77) Bromobenzene	12.698	156	357233	149.322	ug/l	95
78) n-propylbenzene	12.763	91	1755668	155.578	ug/l	98
79) 2-Chlorotoluene	12.851	91	942718	149.671	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	1241112	160.509	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	79371	134.938	ug/l	96
82) 4-Chlorotoluene	12.945	91	995366	148.188	ug/l	100
83) tert-Butylbenzene	13.169	119	1131190	169.962	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	1288127	162.752	ug/l	98
85) sec-Butylbenzene	13.345	105	1636134	161.885	ug/l	100
86) p-Isopropyltoluene	13.457	119	1502362	171.528	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	764837	152.654	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	709647	143.084	ug/l	99
89) n-Butylbenzene	13.787	91	1271214	162.799	ug/l	99
90) Hexachloroethane	14.051	117	267049	142.512	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	620786	144.775	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	30547	128.607	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	390691	164.012	ug/l	96
94) Hexachlorobutadiene	15.204	225	199550	163.525	ug/l	99
95) Naphthalene	15.334	128	717564	167.200	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	335318	158.895	ug/l	99

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