

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072924\
 Data File : VD079443.D
 Acq On : 29 Jul 2024 18:34
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 30 03:06:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 02:34:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024
 Supervised By :Semsettin Yesilyurt 07/30/2024

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	268673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	444237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	416992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	199338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	424360	155.474	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 310.940%#			
35) Dibromofluoromethane	7.805	113	459694	152.885	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 305.760%#			
50) Toluene-d8	10.263	98	1900518	162.764	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 325.520%#			
62) 4-Bromofluorobenzene	12.569	95	554563	164.123	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 328.240%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	328715	156.150	ug/l	100
3) Chloromethane	2.146	50	596169	153.699	ug/l	94
4) Vinyl Chloride	2.276	62	735305	159.436	ug/l	98
6) Chloroethane	2.823	64	500404	168.852	ug/l	98
7) Trichlorofluoromethane	3.164	101	704513	153.606	ug/l	97
8) Diethyl Ether	3.587	74	244555	176.515	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.958	101	440507	151.856	ug/l	98
10) Methyl Iodide	4.158	142	646839	150.942	ug/l	99
11) Tert butyl alcohol	5.058	59	118984	747.211	ug/l #	82
12) 1,1-Dichloroethene	3.928	96	469604	161.767	ug/l	92
13) Acrolein	3.793	56	190505	748.537	ug/l	99
14) Allyl chloride	4.558	41	670549	174.925	ug/l #	86
15) Acrylonitrile	5.246	53	543376	839.311	ug/l	97
16) Acetone	4.017	43	452792	853.601	ug/l	94
17) Carbon Disulfide	4.264	76	1537620	160.464	ug/l	100
18) Methyl Acetate	4.558	43	264264	160.458	ug/l #	87
19) Methyl tert-butyl Ether	5.317	73	1044143	176.209	ug/l	98
20) Methylene Chloride	4.793	84	575887	150.339	ug/l #	85
21) trans-1,2-Dichloroethene	5.305	96	525876	161.255	ug/l	87
22) Diisopropyl ether	6.216	45	1447540	169.717	ug/l #	92
23) Vinyl Acetate	6.152	43	5684701	886.639	ug/l #	92
24) 1,1-Dichloroethane	6.105	63	914363	159.974	ug/l	96
25) 2-Butanone	7.075	43	652855	868.126	ug/l	94
26) 2,2-Dichloropropane	7.069	77	746182	161.398	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	620495	166.460	ug/l	88
28) Bromochloromethane	7.422	49	378472	151.002	ug/l #	72
29) Tetrahydrofuran	7.440	42	411983	883.982	ug/l #	82
30) Chloroform	7.593	83	902384	155.901	ug/l	98
31) Cyclohexane	7.875	56	723027	159.500	ug/l	87
32) 1,1,1-Trichloroethane	7.787	97	753723	157.807	ug/l	98
36) 1,1-Dichloropropene	8.005	75	676290	164.789	ug/l	96
37) Ethyl Acetate	7.163	43	281138	167.081	ug/l	96
38) Carbon Tetrachloride	7.993	117	680827	157.809	ug/l	97
39) Methylcyclohexane	9.269	83	855939	174.801	ug/l	94
40) Benzene	8.246	78	2128923	163.325	ug/l	98
41) Methacrylonitrile	7.399	41	166099	179.460	ug/l #	83

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.322	62	484286	155.911	ug/l	97
43) Isopropyl Acetate	8.358	43	539361	170.555	ug/l	92
44) Trichloroethene	9.028	130	520666	160.460	ug/l	92
45) 1,2-Dichloropropane	9.305	63	514935	162.330	ug/l	98
46) Dibromomethane	9.393	93	280633	159.582	ug/l	96
47) Bromodichloromethane	9.581	83	694552	160.850	ug/l	98
48) Methyl methacrylate	9.375	41	259092	183.070	ug/l	83
49) 1,4-Dioxane	9.381	88	63248	3470.974	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	1408170	872.176	ug/l	95
52) Toluene	10.328	92	1354671	168.039	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	677966	170.020	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	808945	168.654	ug/l	95
55) 1,1,2-Trichloroethane	10.728	97	366441	158.185	ug/l	94
56) Ethyl methacrylate	10.593	69	507409	184.860	ug/l	91
57) 1,3-Dichloropropane	10.875	76	650534	165.258	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	1142912	902.891	ug/l	91
59) 2-Hexanone	10.916	43	1022708	908.247	ug/l	98
60) Dibromochloromethane	11.069	129	482705	159.509	ug/l	98
61) 1,2-Dibromoethane	11.175	107	346907	159.849	ug/l	96
64) Tetrachloroethene	10.804	164	435090	154.738	ug/l	95
65) Chlorobenzene	11.604	112	1471603	159.372	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	490684	161.514	ug/l	97
67) Ethyl Benzene	11.681	91	2632278	174.135	ug/l	99
68) m/p-Xylenes	11.793	106	2060812	343.631	ug/l	94
69) o-Xylene	12.116	106	968683	176.220	ug/l	91
70) Styrene	12.134	104	1649937	171.204	ug/l	97
71) Bromoform	12.299	173	260009	151.391	ug/l #	99
73) Isopropylbenzene	12.416	105	2432672	154.748	ug/l	100
74) N-amyl acetate	12.228	43	537935	183.476	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	415243	160.351	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	307549m	175.858	ug/l	
77) Bromobenzene	12.698	156	553195	165.506	ug/l	88
78) n-propylbenzene	12.757	91	2924241	175.496	ug/l	98
79) 2-Chlorotoluene	12.846	91	1599355	172.380	ug/l	96
80) 1,3,5-Trimethylbenzene	12.898	105	1975362	177.897	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	158420	173.409	ug/l	100
82) 4-Chlorotoluene	12.946	91	1641173	169.679	ug/l	96
83) tert-Butylbenzene	13.163	119	1747927	154.347	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	2025359	154.433	ug/l	99
85) sec-Butylbenzene	13.340	105	2606530	176.483	ug/l	99
86) p-Isopropyltoluene	13.457	119	2283514	154.572	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	1140600	164.740	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	1083739	159.211	ug/l	98
89) n-Butylbenzene	13.781	91	2104042	154.485	ug/l	98
90) Hexachloroethane	14.051	117	433398	167.772	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	953333	161.111	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	57408	166.609	ug/l	97
93) 1,2,4-Trichlorobenzene	15.092	180	644883	172.975	ug/l	99
94) Hexachlorobutadiene	15.198	225	336811	167.387	ug/l	95
96) 1,2,3-Trichlorobenzene	15.516	180	571111	174.145	ug/l	98

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