

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078661.D
 Acq On : 14 Mar 2024 11:49
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 15 05:27:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:17:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024
 Supervised By :Semsettin Yesilyurt 03/15/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	148710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	237660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	230898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	126251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	135737	97.396	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 194.800%#			
35) Dibromofluoromethane	7.810	113	159673	104.350	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 208.700%#			
50) Toluene-d8	10.269	98	617834	109.788	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 219.580%#			
62) 4-Bromofluorobenzene	12.575	95	188366	114.414	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 228.820%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	132831	95.972	ug/l	99
3) Chloromethane	2.152	50	199484	91.282	ug/l	95
4) Vinyl Chloride	2.287	62	308723	95.765	ug/l	92
5) Bromomethane	2.687	94	289354	93.745	ug/l	98
6) Chloroethane	2.840	64	244332	97.185	ug/l	98
7) Trichlorofluoromethane	3.175	101	242519	95.091	ug/l	98
8) Diethyl Ether	3.593	74	72965	97.988	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.963	101	150199	93.840	ug/l	99
10) Methyl Iodide	4.163	142	201826	106.599	ug/l	99
11) Tert butyl alcohol	5.046	59	32138	515.282	ug/l #	91
12) 1,1-Dichloroethene	3.940	96	149507	98.259	ug/l #	88
13) Acrolein	3.793	56	37662	385.481	ug/l	100
14) Allyl chloride	4.558	41	170538	100.448	ug/l	99
15) Acrylonitrile	5.252	53	147199	490.374	ug/l	96
16) Acetone	4.022	43	128336	476.208	ug/l	90
17) Carbon Disulfide	4.275	76	471490	94.524	ug/l	99
18) Methyl Acetate	4.569	43	60470	104.554	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	321563	104.796	ug/l	98
20) Methylene Chloride	4.799	84	175163	100.230	ug/l	97
21) trans-1,2-Dichloroethene	5.316	96	181862	101.294	ug/l	94
22) Diisopropyl ether	6.216	45	383229	99.282	ug/l	97
23) Vinyl Acetate	6.157	43	1170653	518.475	ug/l	94
24) 1,1-Dichloroethane	6.116	63	276534	95.554	ug/l	99
25) 2-Butanone	7.081	43	173424	484.023	ug/l	94
26) 2,2-Dichloropropane	7.081	77	239125	97.662	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	201075	98.193	ug/l	98
28) Bromochloromethane	7.434	49	94391	91.486	ug/l	95
29) Tetrahydrofuran	7.446	42	104124	534.300	ug/l	99
30) Chloroform	7.593	83	303981	94.207	ug/l	100
31) Cyclohexane	7.875	56	214570	91.600	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	267651	97.764	ug/l	98
36) 1,1-Dichloropropene	8.010	75	230342	103.750	ug/l	99
37) Ethyl Acetate	7.169	43	72705	100.241	ug/l	99
38) Carbon Tetrachloride	7.993	117	244293	104.373	ug/l	95
39) Methylcyclohexane	9.275	83	282930	109.855	ug/l	98
40) Benzene	8.251	78	697892	103.987	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	39005	98.740	ug/l	98
42) 1,2-Dichloroethane	8.322	62	164855	100.725	ug/l	98
43) Isopropyl Acetate	8.363	43	138451	104.964	ug/l	99
44) Trichloroethene	9.028	130	186417	102.352	ug/l	98
45) 1,2-Dichloropropane	9.304	63	160105	100.565	ug/l	98
46) Dibromomethane	9.393	93	98149	102.843	ug/l	99
47) Bromodichloromethane	9.587	83	235964	103.861	ug/l	96
48) Methyl methacrylate	9.381	41	66181	102.973	ug/l	96
49) 1,4-Dioxane	9.387	88	20232	2289.639	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	374097	542.497	ug/l	100
52) Toluene	10.334	92	464584	107.522	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	223225	107.462	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	270296	108.241	ug/l	100
55) 1,1,2-Trichloroethane	10.734	97	132359	103.567	ug/l	95
56) Ethyl methacrylate	10.598	69	146153	114.078	ug/l	98
57) 1,3-Dichloropropane	10.881	76	215445	104.476	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	324093	573.699	ug/l	99
59) 2-Hexanone	10.922	43	271043	530.216	ug/l	99
60) Dibromochloromethane	11.075	129	168880	107.153	ug/l	100
61) 1,2-Dibromoethane	11.175	107	128444	103.852	ug/l	99
64) Tetrachloroethene	10.810	164	157879	103.325	ug/l	96
65) Chlorobenzene	11.604	112	492739	102.121	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	187809	106.283	ug/l	99
67) Ethyl Benzene	11.681	91	900246	109.490	ug/l	97
68) m/p-Xylenes	11.792	106	736552	220.605	ug/l	100
69) o-Xylene	12.122	106	345765	111.929	ug/l	98
70) Styrene	12.134	104	589745	113.741	ug/l	100
71) Bromoform	12.298	173	101174	105.946	ug/l #	95
73) Isopropylbenzene	12.422	105	874202	105.168	ug/l	99
74) N-amyl acetate	12.234	43	138221	102.416	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	145449	94.522	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	94085m	96.923	ug/l	
77) Bromobenzene	12.698	156	211142	102.424	ug/l	97
78) n-propylbenzene	12.763	91	1052849	104.055	ug/l	100
79) 2-Chlorotoluene	12.851	91	560406	100.961	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	727520	105.838	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	45701	98.487	ug/l	96
82) 4-Chlorotoluene	12.945	91	589247	100.366	ug/l	99
83) tert-Butylbenzene	13.163	119	640763	108.108	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	747329	107.882	ug/l	99
85) sec-Butylbenzene	13.345	105	944821	105.336	ug/l	100
86) p-Isopropyltoluene	13.457	119	843089	109.797	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	452946	104.120	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	430848	100.495	ug/l	99
89) n-Butylbenzene	13.786	91	738695	106.522	ug/l	98
90) Hexachloroethane	14.051	117	152110	95.737	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	375941	100.340	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	19845	96.406	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	229269	104.853	ug/l	95
94) Hexachlorobutadiene	15.204	225	120049	101.412	ug/l	99
95) Naphthalene	15.333	128	420672	110.655	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	199530	105.478	ug/l	99

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

