

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093024\
 Data File : VD079935.D
 Acq On : 30 Sep 2024 14:32
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 01 05:04:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D093024S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 05:04:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	101708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	175718	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	167246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	84235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	8023	6.928	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	13.860%#		
35) Dibromofluoromethane	7.799	113	6716	5.788	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	11.580%#		
50) Toluene-d8	10.269	98	24853	5.435	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	10.860%#		
62) 4-Bromofluorobenzene	12.575	95	7993	5.974	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	11.940%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	6477	5.519	ug/l	79
3) Chloromethane	2.152	50	8794	4.751	ug/l	99
4) Vinyl Chloride	2.281	62	12187	5.164	ug/l	99
5) Bromomethane	2.699	94	12672	7.100	ug/l	99
6) Chloroethane	2.840	64	9342	5.689	ug/l	96
7) Trichlorofluoromethane	3.181	101	11803	5.442	ug/l	94
8) Diethyl Ether	3.587	74	3066	5.105	ug/l	62
9) 1,1,2-Trichlorotrifluo...	3.975	101	6458	5.145	ug/l	92
10) Methyl Iodide	4.169	142	2699	2.169	ug/l	97
11) Tert butyl alcohol	5.069	59	1568m	27.221	ug/l	
12) 1,1-Dichloroethene	3.946	96	6963	5.557	ug/l #	79
13) Acrolein	3.799	56	3003	23.714	ug/l	91
14) Allyl chloride	4.564	41	8489m	5.221	ug/l	
15) Acrylonitrile	5.275	53	7224	27.048	ug/l #	15
16) Acetone	4.016	43	7932m	23.332	ug/l	
17) Carbon Disulfide	4.269	76	21721	5.379	ug/l	95
18) Methyl Acetate	4.558	43	2794m	3.075	ug/l	
19) Methyl tert-butyl Ether	5.311	73	11528	4.437	ug/l #	77
20) Methylene Chloride	4.811	84	9937	5.904	ug/l #	85
21) trans-1,2-Dichloroethene	5.316	96	6892	4.794	ug/l	90
22) Diisopropyl ether	6.210	45	15085	4.351	ug/l #	77
23) Vinyl Acetate	6.158	43	40146m	22.794	ug/l	
24) 1,1-Dichloroethane	6.105	63	13699	5.732	ug/l #	80
25) 2-Butanone	7.081	43	8131	20.223	ug/l	90
26) 2,2-Dichloropropane	7.075	77	10842	5.409	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	6787	4.365	ug/l	78
28) Bromochloromethane	7.422	49	5983	6.232	ug/l	92
29) Tetrahydrofuran	7.446	42	4532m	24.159	ug/l	
30) Chloroform	7.593	83	14210	5.795	ug/l #	77
31) Cyclohexane	7.881	56	10176	4.879	ug/l #	85
32) 1,1,1-Trichloroethane	7.793	97	11704	5.542	ug/l	95
36) 1,1-Dichloropropene	8.010	75	8871	4.718	ug/l	95
37) Ethyl Acetate	7.163	43	4472m	6.320	ug/l	
38) Carbon Tetrachloride	7.987	117	10482	5.565	ug/l	98
39) Methylcyclohexane	9.269	83	9664	4.374	ug/l #	89
40) Benzene	8.246	78	28206	5.231	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	2476	6.380	ug/l #	62
42) 1,2-Dichloroethane	8.322	62	7872	5.572	ug/l	94
43) Isopropyl Acetate	8.363	43	7363	5.620	ug/l #	87
44) Trichloroethene	9.028	130	6097	4.415	ug/l	80
45) 1,2-Dichloropropane	9.304	63	6803	5.098	ug/l	88
46) Dibromomethane	9.393	93	4987	6.658	ug/l	94
47) Bromodichloromethane	9.581	83	10934	5.856	ug/l #	93
48) Methyl methacrylate	9.387	41	3230m	4.414	ug/l	
49) 1,4-Dioxane	9.369	88	989m	137.603	ug/l	
51) 4-Methyl-2-Pentanone	10.157	43	15727	22.834	ug/l	98
52) Toluene	10.334	92	15194	4.441	ug/l	92
53) t-1,3-Dichloropropene	10.551	75	7907	4.628	ug/l #	86
54) cis-1,3-Dichloropropene	10.016	75	9793	4.819	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	5986	6.097	ug/l #	87
56) Ethyl methacrylate	10.599	69	4958	5.622	ug/l #	88
57) 1,3-Dichloropropane	10.875	76	8529	5.060	ug/l #	88
58) 2-Chloroethyl Vinyl ether	9.869	63	11698	23.926	ug/l	96
59) 2-Hexanone	10.922	43	10622m	19.113	ug/l	
60) Dibromochloromethane	11.075	129	6992	5.875	ug/l	100
61) 1,2-Dibromoethane	11.181	107	5289	5.813	ug/l	94
64) Tetrachloroethene	10.810	164	6009	5.403	ug/l	86
65) Chlorobenzene	11.598	112	19589	5.284	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.681	131	7136	5.425	ug/l	99
67) Ethyl Benzene	11.681	91	29348	4.379	ug/l	94
68) m/p-Xylenes	11.793	106	21932	8.545	ug/l	100
69) o-Xylene	12.116	106	9777	4.207	ug/l	99
70) Styrene	12.134	104	17487	4.853	ug/l	99
71) Bromoform	12.304	173	4766	7.050	ug/l #	100
73) Isopropylbenzene	12.416	105	25636	3.971	ug/l	98
74) N-amyl acetate	12.228	43	6147	4.837	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.669	83	6364	5.280	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	3309m	4.201	ug/l	
77) Bromobenzene	12.693	156	7052	4.875	ug/l	94
78) n-propylbenzene	12.763	91	30870	3.839	ug/l	96
79) 2-Chlorotoluene	12.845	91	19559	4.515	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	20808	3.868	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	1766	4.707	ug/l #	76
82) 4-Chlorotoluene	12.945	91	18484	4.038	ug/l	93
83) tert-Butylbenzene	13.163	119	17042	3.804	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	20670	3.780	ug/l	96
85) sec-Butylbenzene	13.340	105	26607	3.886	ug/l	99
86) p-Isopropyltoluene	13.457	119	22273	3.761	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	14893	4.971	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	16515	5.572	ug/l	96
89) n-Butylbenzene	13.787	91	23211	4.043	ug/l	96
90) Hexachloroethane	14.051	117	6491	5.518	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	13665	5.400	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.439	75	1344	7.646	ug/l	76
93) 1,2,4-Trichlorobenzene	15.104	180	7689	4.907	ug/l	97
94) Hexachlorobutadiene	15.204	225	3890	5.072	ug/l	97
95) Naphthalene	15.328	128	12538	4.326	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.516	180	5950	4.504	ug/l	88

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

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