

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080823\
 Data File : VD076951.D
 Acq On : 08 Aug 2023 13:35
 Operator : KP/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 09 05:40:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 05:34:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2023
 Supervised By :Mahesh Dadoda 08/09/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	180446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	326839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	307127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	146189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	32179	22.606	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	45.220%#		
35) Dibromofluoromethane	7.799	113	40332	22.953	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	45.900%#		
50) Toluene-d8	10.269	98	130288	23.086	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	46.180%#		
62) 4-Bromofluorobenzene	12.575	95	44093	22.349	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	44.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	21980	21.734	ug/l	93
3) Chloromethane	2.146	50	31570	20.625	ug/l	98
4) Vinyl Chloride	2.275	62	45322	20.094	ug/l	93
5) Bromomethane	2.675	94	41562	20.373	ug/l	99
6) Chloroethane	2.822	64	37598	20.290	ug/l	95
7) Trichlorofluoromethane	3.169	101	49346	20.083	ug/l	96
8) Diethyl Ether	3.587	74	15753	19.925	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.958	101	33193	19.727	ug/l	97
10) Methyl Iodide	4.158	142	30416	18.770	ug/l	90
11) Tert butyl alcohol	5.063	59	11924	112.268	ug/l #	73
12) 1,1-Dichloroethene	3.934	96	26954	19.518	ug/l	94
13) Acrolein	3.793	56	6568	194.572	ug/l	98
14) Allyl chloride	4.558	41	33987	20.039	ug/l	91
15) Acrylonitrile	5.258	53	41861	106.478	ug/l	97
16) Acetone	4.022	43	32823	99.103	ug/l	87
17) Carbon Disulfide	4.263	76	45352	19.400	ug/l	100
18) Methyl Acetate	4.558	43	27746	20.874	ug/l	90
19) Methyl tert-butyl Ether	5.310	73	78568	20.155	ug/l	96
20) Methylene Chloride	4.799	84	61383	22.583	ug/l	95
21) trans-1,2-Dichloroethene	5.305	96	32009	20.291	ug/l	85
22) Diisopropyl ether	6.216	45	90873	20.510	ug/l	97
23) Vinyl Acetate	6.152	43	207933	100.064	ug/l	94
24) 1,1-Dichloroethane	6.105	63	65551	20.699	ug/l	95
25) 2-Butanone	7.087	43	47827	100.448	ug/l	88
26) 2,2-Dichloropropane	7.075	77	57554	20.017	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	44089	20.368	ug/l	98
28) Bromochloromethane	7.422	49	33496	22.131	ug/l	95
29) Tetrahydrofuran	7.452	42	26295	98.898	ug/l	94
30) Chloroform	7.593	83	74518	20.625	ug/l	97
31) Cyclohexane	7.875	56	36897	19.599	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	60496	20.402	ug/l	99
36) 1,1-Dichloropropene	8.004	75	42405	19.516	ug/l	93
37) Ethyl Acetate	7.169	43	17243	17.198	ug/l #	88
38) Carbon Tetrachloride	7.993	117	45290	19.475	ug/l	95
39) Methylcyclohexane	9.269	83	44042	19.131	ug/l	95
40) Benzene	8.252	78	137895	19.737	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	11286	20.861	ug/l #	89
42) 1,2-Dichloroethane	8.322	62	38206	20.287	ug/l	97
43) Isopropyl Acetate	8.357	43	38587	20.480	ug/l	94
44) Trichloroethene	9.022	130	39715	20.589	ug/l	95
45) 1,2-Dichloropropane	9.304	63	38878	20.649	ug/l	93
46) Dibromomethane	9.393	93	22529	20.024	ug/l	92
47) Bromodichloromethane	9.587	83	59031	20.454	ug/l	94
48) Methyl methacrylate	9.381	41	16675	20.127	ug/l #	84
49) 1,4-Dioxane	9.381	88	4957	376.951	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	107328	103.200	ug/l	91
52) Toluene	10.334	92	90793	19.787	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	50683	20.130	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	58366	19.987	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	34648	20.752	ug/l	97
56) Ethyl methacrylate	10.598	69	34404	19.881	ug/l	94
57) 1,3-Dichloropropane	10.881	76	52231	20.136	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	70849	108.908	ug/l	98
59) 2-Hexanone	10.922	43	72856	102.914	ug/l	92
60) Dibromochloromethane	11.075	129	39706	19.719	ug/l	93
61) 1,2-Dibromoethane	11.181	107	29622	19.950	ug/l	97
64) Tetrachloroethene	10.810	164	30340	19.625	ug/l	96
65) Chlorobenzene	11.604	112	108383	19.947	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	41329	19.276	ug/l	98
67) Ethyl Benzene	11.687	91	180385	19.678	ug/l	94
68) m/p-Xylenes	11.793	106	138938	39.024	ug/l	92
69) o-Xylene	12.122	106	65084	19.062	ug/l	88
70) Styrene	12.134	104	120403	19.781	ug/l	98
71) Bromoform	12.298	173	22822	19.200	ug/l #	99
73) Isopropylbenzene	12.422	105	179755	19.540	ug/l	96
74) N-amyl acetate	12.234	43	37082	20.232	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	43052	21.239	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	26516m	19.335	ug/l	
77) Bromobenzene	12.704	156	42955	19.189	ug/l	89
78) n-propylbenzene	12.763	91	221637	19.806	ug/l	95
79) 2-Chlorotoluene	12.851	91	121537	19.754	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	147773	19.790	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.475	75	11243	19.261	ug/l	98
82) 4-Chlorotoluene	12.945	91	129794	20.157	ug/l	96
83) tert-Butylbenzene	13.169	119	130215	19.018	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	150219	19.743	ug/l	97
85) sec-Butylbenzene	13.345	105	204066	19.729	ug/l	96
86) p-Isopropyltoluene	13.463	119	166302	19.466	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	92643	19.952	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	91955	19.864	ug/l	97
89) n-Butylbenzene	13.787	91	158951	19.532	ug/l	97
90) Hexachloroethane	14.057	117	35030	20.291	ug/l	86
91) 1,2-Dichlorobenzene	13.834	146	82036	19.872	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5663	20.547	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	47525	18.613	ug/l	97
94) Hexachlorobutadiene	15.204	225	24233	18.971	ug/l	97
95) Naphthalene	15.333	128	98984	19.061	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	43850	19.262	ug/l	100

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

