

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051024\
 Data File : VD078897.D
 Acq On : 10 May 2024 16:20
 Operator : RP/MD
 Sample : VSTDICC010
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: May 11 05:00:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051024S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 11 04:52:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/13/2024
 Supervised By :Semsettin Yesilyurt 05/13/2024

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	116008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	197430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	181933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	11187	10.690	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	21.380%#		
35) Dibromofluoromethane	7.810	113	12369	9.652	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.300%#		
50) Toluene-d8	10.269	98	44864	9.307	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	18.620%#		
62) 4-Bromofluorobenzene	12.575	95	12476	9.163	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	18.320%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	12713	10.895	ug/l	95
3) Chloromethane	2.152	50	19648	11.429	ug/l	97
4) Vinyl Chloride	2.281	62	28519	10.947	ug/l	90
5) Bromomethane	2.693	94	27346	10.866	ug/l	99
6) Chloroethane	2.834	64	23802	11.071	ug/l	94
7) Trichlorofluoromethane	3.181	101	27921	11.569	ug/l	93
8) Diethyl Ether	3.593	74	7255	11.685	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.969	101	16497	12.276	ug/l	97
10) Methyl Iodide	4.169	142	16956	10.583	ug/l	99
11) Tert butyl alcohol	5.063	59	3454	63.691	ug/l #	75
12) 1,1-Dichloroethene	3.940	96	15756	11.898	ug/l	91
13) Acrolein	3.793	56	7542	61.837	ug/l	98
14) Allyl chloride	4.563	41	11950	9.748	ug/l	94
15) Acrylonitrile	5.257	53	10806	49.764	ug/l	90
16) Acetone	4.028	43	10782	52.434	ug/l	97
17) Carbon Disulfide	4.269	76	52372	12.055	ug/l	96
18) Methyl Acetate	4.575	43	4438	11.183	ug/l	97
19) Methyl tert-butyl Ether	5.328	73	22856	9.716	ug/l	97
20) Methylene Chloride	4.805	84	30485	10.894	ug/l	95
21) trans-1,2-Dichloroethene	5.299	96	14480	10.583	ug/l #	67
22) Diisopropyl ether	6.222	45	27289	10.182	ug/l #	80
23) Vinyl Acetate	6.163	43	79000	48.956	ug/l	97
24) 1,1-Dichloroethane	6.116	63	22380	10.762	ug/l	97
25) 2-Butanone	7.093	43	12262	48.690	ug/l	91
26) 2,2-Dichloropropane	7.075	77	19827	10.544	ug/l	100
27) cis-1,2-Dichloroethene	7.087	96	16450	10.380	ug/l	96
28) Bromochloromethane	7.428	49	7986	11.005	ug/l #	81
29) Tetrahydrofuran	7.446	42	6941	49.544	ug/l #	89
30) Chloroform	7.598	83	25676	10.799	ug/l	99
31) Cyclohexane	7.875	56	18392	10.760	ug/l	97
32) 1,1,1-Trichloroethane	7.787	97	21613	10.334	ug/l	96
36) 1,1-Dichloropropene	8.010	75	16550	9.612	ug/l	96
37) Ethyl Acetate	7.169	43	5937	10.450	ug/l #	85
38) Carbon Tetrachloride	7.987	117	20123	9.953	ug/l #	87
39) Methylcyclohexane	9.275	83	19731	8.939	ug/l	96
40) Benzene	8.251	78	55114	9.927	ug/l	98

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41) Methacrylonitrile	7.393	41	2681	8.513	ug/l #	90
42) 1,2-Dichloroethane	8.322	62	13025	10.065	ug/l	97
43) Isopropyl Acetate	8.363	43	10204	9.670	ug/l	98
44) Trichloroethene	9.034	130	15062	10.179	ug/l	78
45) 1,2-Dichloropropane	9.304	63	13282	10.860	ug/l #	88
46) Dibromomethane	9.393	93	7976	10.276	ug/l	97
47) Bromodichloromethane	9.587	83	18726	9.749	ug/l	93
48) Methyl methacrylate	9.381	41	4536	9.261	ug/l	92
49) 1,4-Dioxane	9.393	88	1269	169.695	ug/l #	81
51) 4-Methyl-2-Pentanone	10.163	43	25546	47.161	ug/l	100
52) Toluene	10.334	92	33407	9.275	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	15471	9.507	ug/l	99
54) cis-1,3-Dichloropropene	10.022	75	18854	9.649	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	10476	10.109	ug/l	91
56) Ethyl methacrylate	10.598	69	9511	8.874	ug/l #	94
57) 1,3-Dichloropropane	10.881	76	16141	10.027	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	17264	40.631	ug/l	99
59) 2-Hexanone	10.922	43	17567	44.022	ug/l	95
60) Dibromochloromethane	11.069	129	13815	9.885	ug/l	93
61) 1,2-Dibromoethane	11.181	107	9377	9.674	ug/l	97
64) Tetrachloroethene	10.810	164	12661	10.042	ug/l	90
65) Chlorobenzene	11.604	112	40871	10.036	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.675	131	13822	9.827	ug/l	98
67) Ethyl Benzene	11.687	91	59130	9.096	ug/l	90
68) m/p-Xylenes	11.792	106	48460	18.127	ug/l	96
69) o-Xylene	12.122	106	21375	8.845	ug/l	97
70) Styrene	12.134	104	38007	8.870	ug/l	96
71) Bromoform	12.298	173	7603	10.033	ug/l #	97
73) Isopropylbenzene	12.422	105	55430	9.398	ug/l	100
74) N-amyl acetate	12.234	43	9554	10.323	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	10809	10.546	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	7348m	10.303	ug/l	
77) Bromobenzene	12.698	156	14487	9.631	ug/l	98
78) n-propylbenzene	12.763	91	66987	9.432	ug/l	98
79) 2-Chlorotoluene	12.845	91	37547	9.665	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	45655	9.298	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	3565	10.245	ug/l	97
82) 4-Chlorotoluene	12.945	91	41542	9.810	ug/l	99
83) tert-Butylbenzene	13.169	119	38576	8.830	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	43984	8.880	ug/l	93
85) sec-Butylbenzene	13.345	105	59903	9.278	ug/l	98
86) p-Isopropyltoluene	13.457	119	49988	8.920	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	30562	9.654	ug/l	97
88) 1,4-Dichlorobenzene	13.533	146	32810	10.419	ug/l	94
89) n-Butylbenzene	13.786	91	45325	9.158	ug/l	98
90) Hexachloroethane	14.051	117	12197	10.733	ug/l	91
91) 1,2-Dichlorobenzene	13.833	146	26247	9.705	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1509	10.687	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	15127	9.598	ug/l	93
94) Hexachlorobutadiene	15.204	225	8244	9.699	ug/l	95
95) Naphthalene	15.333	128	23463	8.480	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.522	180	12848	9.345	ug/l	98

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

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