

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032724\
 Data File : VD078752.D
 Acq On : 27 Mar 2024 14:37
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 28 05:08:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda

03/28/2024
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	116107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	191513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	183028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	100949	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	49703	45.678	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.360%
35) Dibromofluoromethane	7.805	113	58860	47.735	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.480%
50) Toluene-d8	10.269	98	206798	45.602	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.200%
62) 4-Bromofluorobenzene	12.575	95	66583	50.188	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	51122	47.308	ug/l	96
3) Chloromethane	2.152	50	80191	46.999	ug/l	96
4) Vinyl Chloride	2.287	62	121920	48.439	ug/l	99
5) Bromomethane	2.693	94	109525	45.448	ug/l	97
6) Chloroethane	2.840	64	95306	48.554	ug/l	97
7) Trichlorofluoromethane	3.175	101	102319	51.385	ug/l	96
8) Diethyl Ether	3.599	74	29855	51.352	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.964	101	63316	50.666	ug/l	99
10) Methyl Iodide	4.164	142	78999	53.442	ug/l	99
11) Tert butyl alcohol	5.052	59	14711	302.100	ug/l #	75
12) 1,1-Dichloroethene	3.946	96	60197	50.672	ug/l	94
13) Acrolein	3.799	56	11698	153.353	ug/l	94
14) Allyl chloride	4.569	41	68511	51.685	ug/l	99
15) Acrylonitrile	5.252	53	65201	278.201	ug/l	96
16) Acetone	4.016	43	63065	299.722	ug/l	98
17) Carbon Disulfide	4.275	76	176372	45.288	ug/l	100
18) Methyl Acetate	4.563	43	28181	62.408	ug/l	94
19) Methyl tert-butyl Ether	5.322	73	136997	57.183	ug/l	97
20) Methylene Chloride	4.799	84	81512	57.558	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	72867	51.982	ug/l	95
22) Diisopropyl ether	6.216	45	163816	54.356	ug/l	98
23) Vinyl Acetate	6.152	43	495538	281.098	ug/l	97
24) 1,1-Dichloroethane	6.110	63	118173	52.300	ug/l	98
25) 2-Butanone	7.081	43	79657	284.749	ug/l	94
26) 2,2-Dichloropropane	7.075	77	104060	54.433	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	84330	52.745	ug/l	99
28) Bromochloromethane	7.428	49	42303	52.514	ug/l	98
29) Tetrahydrofuran	7.446	42	44820	294.569	ug/l	98
30) Chloroform	7.599	83	135151	53.646	ug/l	99
31) Cyclohexane	7.881	56	88134	48.189	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	111631	52.225	ug/l	99
36) 1,1-Dichloropropene	8.010	75	95465	53.360	ug/l	99
37) Ethyl Acetate	7.163	43	33712	57.680	ug/l	97
38) Carbon Tetrachloride	7.993	117	100973	53.535	ug/l	98
39) Methylcyclohexane	9.275	83	110222	53.109	ug/l	95
40) Benzene	8.252	78	290277	53.674	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	16841	54.984	ug/l #	89
42) 1,2-Dichloroethane	8.328	62	74512	56.496	ug/l	100
43) Isopropyl Acetate	8.357	43	61813	58.154	ug/l #	78
44) Trichloroethene	9.028	130	78046	53.177	ug/l	97
45) 1,2-Dichloropropane	9.304	63	71530	55.756	ug/l	97
46) Dibromomethane	9.393	93	43270	56.265	ug/l	98
47) Bromodichloromethane	9.581	83	102823	56.163	ug/l	93
48) Methyl methacrylate	9.381	41	29812	57.562	ug/l	95
49) 1,4-Dioxane	9.381	88	9203	1292.455	ug/l	87
51) 4-Methyl-2-Pentanone	10.157	43	165700	298.190	ug/l	99
52) Toluene	10.334	92	189380	54.391	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	94562	56.492	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	115944	57.618	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	60824	59.061	ug/l	92
56) Ethyl methacrylate	10.598	69	60078	58.192	ug/l	97
57) 1,3-Dichloropropane	10.881	76	94820	57.061	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	147952	325.007	ug/l	100
59) 2-Hexanone	10.922	43	126239	306.454	ug/l	97
60) Dibromochloromethane	11.075	129	74252	58.465	ug/l	98
61) 1,2-Dibromoethane	11.181	107	57498	57.692	ug/l	99
64) Tetrachloroethene	10.810	164	66184	54.643	ug/l	94
65) Chlorobenzene	11.604	112	207417	54.231	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	77623	55.417	ug/l	99
67) Ethyl Benzene	11.687	91	358602	55.021	ug/l	98
68) m/p-Xylenes	11.793	106	290519	109.771	ug/l	100
69) o-Xylene	12.122	106	136384	55.696	ug/l	100
70) Styrene	12.134	104	240812	58.591	ug/l	99
71) Bromoform	12.298	173	44356	58.596	ug/l #	92
73) Isopropylbenzene	12.422	105	345380	51.964	ug/l	99
74) N-amyl acetate	12.234	43	58619	54.321	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	67558	54.907	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	41928m	53.909	ug/l	
77) Bromobenzene	12.698	156	85211	51.696	ug/l	98
78) n-propylbenzene	12.763	91	430209	53.175	ug/l	99
79) 2-Chlorotoluene	12.851	91	230141	51.854	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	298716	54.348	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	20724	55.854	ug/l	98
82) 4-Chlorotoluene	12.945	91	242179	51.589	ug/l	100
83) tert-Butylbenzene	13.163	119	254688	53.740	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	301164	54.372	ug/l	100
85) sec-Butylbenzene	13.345	105	388698	54.197	ug/l	99
86) p-Isopropyltoluene	13.463	119	334332	54.454	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	187504	53.906	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	182172	53.142	ug/l	98
89) n-Butylbenzene	13.787	91	301473	54.369	ug/l	99
90) Hexachloroethane	14.051	117	64577	50.832	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	157086	52.435	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9131	55.476	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	95825	54.808	ug/l	93
94) Hexachlorobutadiene	15.198	225	50746	53.612	ug/l	99
95) Naphthalene	15.334	128	167737	55.181	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	85254	56.364	ug/l	100

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

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