

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032824\
 Data File : VD078767.D
 Acq On : 28 Mar 2024 11:45
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

03/29/2024
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Mar 29 01:31:11 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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	125412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	208838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	204843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	112522	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	56694	48.237	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.480%
35) Dibromofluoromethane	7.810	113	63721	47.390	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.780%
50) Toluene-d8	10.269	98	225637	45.629	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.260%
62) 4-Bromofluorobenzene	12.575	95	70894	49.004	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	47292	40.517	ug/l	95
3) Chloromethane	2.152	50	77115	41.843	ug/l	99
4) Vinyl Chloride	2.287	62	113000	41.564	ug/l	95
5) Bromomethane	2.699	94	109481	42.059	ug/l	97
6) Chloroethane	2.840	64	94684	44.658	ug/l	97
7) Trichlorofluoromethane	3.181	101	92242	42.887	ug/l	98
8) Diethyl Ether	3.593	74	31297	49.838	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.969	101	57589	42.664	ug/l	98
10) Methyl Iodide	4.169	142	78813	49.360	ug/l	97
11) Tert butyl alcohol	5.046	59	15658	297.690	ug/l #	93
12) 1,1-Dichloroethene	3.946	96	58018	45.214	ug/l	92
13) Acrolein	3.799	56	8904	108.065	ug/l	98
14) Allyl chloride	4.569	41	67852	47.390	ug/l	98
15) Acrylonitrile	5.257	53	67386	266.191	ug/l	97
16) Acetone	4.022	43	63047	277.405	ug/l	96
17) Carbon Disulfide	4.275	76	170977	40.645	ug/l	99
18) Methyl Acetate	4.563	43	28496	58.423	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	142007	54.877	ug/l	94
20) Methylene Chloride	4.804	84	84905	55.314	ug/l	94
21) trans-1,2-Dichloroethene	5.316	96	73548	48.575	ug/l	94
22) Diisopropyl ether	6.216	45	171612	52.718	ug/l	95
23) Vinyl Acetate	6.157	43	510534	268.118	ug/l	98
24) 1,1-Dichloroethane	6.116	63	122467	50.179	ug/l	98
25) 2-Butanone	7.081	43	79259	262.305	ug/l	91
26) 2,2-Dichloropropane	7.075	77	101017	48.921	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	88727	51.378	ug/l	96
28) Bromochloromethane	7.428	49	40915	47.023	ug/l	100
29) Tetrahydrofuran	7.440	42	45476	276.705	ug/l	98
30) Chloroform	7.598	83	136212	50.056	ug/l	98
31) Cyclohexane	7.875	56	78811m	39.895	ug/l	
32) 1,1,1-Trichloroethane	7.798	97	108850	47.146	ug/l	98
36) 1,1-Dichloropropene	8.010	75	91295	46.796	ug/l	98
37) Ethyl Acetate	7.163	43	32575	51.111	ug/l	98
38) Carbon Tetrachloride	7.992	117	94383	45.890	ug/l	99
39) Methylcyclohexane	9.275	83	98042	43.321	ug/l	96
40) Benzene	8.251	78	290485	49.256	ug/l	98

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41) Methacrylonitrile	7.404	41	19168	57.390	ug/l	93
42) 1,2-Dichloroethane	8.328	62	74209	51.599	ug/l	99
43) Isopropyl Acetate	8.357	43	61286	52.875	ug/l #	84
44) Trichloroethene	9.028	130	78761	49.212	ug/l	93
45) 1,2-Dichloropropane	9.304	63	72843	52.069	ug/l	98
46) Dibromomethane	9.392	93	43381	51.729	ug/l	98
47) Bromodichloromethane	9.586	83	107466	53.830	ug/l	97
48) Methyl methacrylate	9.381	41	28070	49.703	ug/l	90
49) 1,4-Dioxane	9.386	88	8511	1096.113	ug/l	88
51) 4-Methyl-2-Pentanone	10.163	43	167661	276.689	ug/l	99
52) Toluene	10.334	92	190454	50.162	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	97327	53.320	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	115424	52.601	ug/l	98
55) 1,1,2-Trichloroethane	10.733	97	61806	55.036	ug/l	97
56) Ethyl methacrylate	10.598	69	63157	56.100	ug/l	97
57) 1,3-Dichloropropane	10.881	76	97528	53.821	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	142185	286.427	ug/l	99
59) 2-Hexanone	10.922	43	125689	279.807	ug/l	100
60) Dibromochloromethane	11.075	129	74608	53.871	ug/l	97
61) 1,2-Dibromoethane	11.181	107	56586	52.066	ug/l	99
64) Tetrachloroethene	10.810	164	62677	46.237	ug/l	91
65) Chlorobenzene	11.610	112	214430	50.094	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.680	131	79712	50.847	ug/l	99
67) Ethyl Benzene	11.686	91	366370	50.226	ug/l	96
68) m/p-Xylenes	11.792	106	299497	101.112	ug/l	98
69) o-Xylene	12.122	106	139172	50.782	ug/l	96
70) Styrene	12.133	104	247125	53.724	ug/l	99
71) Bromoform	12.298	173	45181	53.330	ug/l #	97
73) Isopropylbenzene	12.422	105	348865	47.090	ug/l	100
74) N-amyl acetate	12.233	43	60620	50.397	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	68665	50.067	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	42733m	49.293	ug/l	
77) Bromobenzene	12.704	156	90616	49.321	ug/l	97
78) n-propylbenzene	12.763	91	428628	47.531	ug/l	100
79) 2-Chlorotoluene	12.851	91	236314	47.768	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	299326	48.858	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	20556	49.704	ug/l	96
82) 4-Chlorotoluene	12.945	91	251963	48.153	ug/l	99
83) tert-Butylbenzene	13.169	119	250600	47.439	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	306800	49.692	ug/l	98
85) sec-Butylbenzene	13.345	105	377747	47.253	ug/l	99
86) p-Isopropyltoluene	13.463	119	330271	48.260	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	189391	48.848	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	188190	49.251	ug/l	99
89) n-Butylbenzene	13.786	91	293719	47.523	ug/l	99
90) Hexachloroethane	14.057	117	65039	45.930	ug/l	97
91) 1,2-Dichlorobenzene	13.833	146	164227	49.181	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8885	48.429	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	98148	50.363	ug/l	97
94) Hexachlorobutadiene	15.204	225	50175	47.557	ug/l	98
95) Naphthalene	15.333	128	173909	51.327	ug/l	99
96) 1,2,3-Trichlorobenzene	15.521	180	87012	51.610	ug/l	98

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

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