

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032124\
 Data File : VD078720.D
 Acq On : 21 Mar 2024 10:10
 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

03/22/2024
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Mar 22 06:53:12 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	7.881	168	137779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	217678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	203886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	107989	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	64445	49.910	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.820%
35) Dibromofluoromethane	7.805	113	71179	50.787	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.580%
50) Toluene-d8	10.269	98	275347	53.420	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.840%
62) 4-Bromofluorobenzene	12.575	95	80569	53.430	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.940	85	66830	52.116	ug/l	96
3) Chloromethane	2.152	50	92710	45.789	ug/l	100
4) Vinyl Chloride	2.293	62	132573	44.386	ug/l	96
5) Bromomethane	2.699	94	125764	43.977	ug/l	99
6) Chloroethane	2.846	64	102831	44.147	ug/l	99
7) Trichlorofluoromethane	3.187	101	123776	52.383	ug/l	97
8) Diethyl Ether	3.599	74	35672	51.706	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.981	101	79325	53.492	ug/l	97
10) Methyl Iodide	4.169	142	92523	52.745	ug/l	98
11) Tert butyl alcohol	5.052	59	16709	289.157	ug/l #	90
12) 1,1-Dichloroethene	3.952	96	70643	50.112	ug/l	92
13) Acrolein	3.799	56	18547	204.894	ug/l	96
14) Allyl chloride	4.569	41	78099	49.650	ug/l	97
15) Acrylonitrile	5.252	53	74883	269.254	ug/l	96
16) Acetone	4.016	43	73169	293.044	ug/l	96
17) Carbon Disulfide	4.281	76	226036	48.911	ug/l	99
18) Methyl Acetate	4.569	43	31289	58.392	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	151810	53.399	ug/l	96
20) Methylene Chloride	4.805	84	85917	50.523	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	87902	52.844	ug/l	90
22) Diisopropyl ether	6.222	45	185748	51.939	ug/l	98
23) Vinyl Acetate	6.158	43	558696	267.074	ug/l	97
24) 1,1-Dichloroethane	6.110	63	135623	50.581	ug/l	97
25) 2-Butanone	7.081	43	91708	276.262	ug/l	99
26) 2,2-Dichloropropane	7.081	77	121216	53.434	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	94839	49.988	ug/l	96
28) Bromochloromethane	7.428	49	49583	51.870	ug/l	97
29) Tetrahydrofuran	7.446	42	50785	281.272	ug/l	99
30) Chloroform	7.599	83	149108	49.876	ug/l	96
31) Cyclohexane	7.881	56	109249	50.339	ug/l	93
32) 1,1,1-Trichloroethane	7.799	97	130179	51.323	ug/l	99
36) 1,1-Dichloropropene	8.010	75	113356	55.744	ug/l	99
37) Ethyl Acetate	7.169	43	32569	49.026	ug/l	98
38) Carbon Tetrachloride	7.993	117	117711	54.908	ug/l	97
39) Methylcyclohexane	9.275	83	137634	58.346	ug/l	99
40) Benzene	8.252	78	331658	53.954	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.416	41	19166m	55.054	ug/l	
42) 1,2-Dichloroethane	8.328	62	82666	55.145	ug/l	99
43) Isopropyl Acetate	8.363	43	66479	55.026	ug/l	98
44) Trichloroethene	9.034	130	91300	54.730	ug/l	93
45) 1,2-Dichloropropane	9.304	63	80565	55.250	ug/l	98
46) Dibromomethane	9.399	93	47940	54.844	ug/l	96
47) Bromodichloromethane	9.587	83	112822	54.218	ug/l	97
48) Methyl methacrylate	9.381	41	32468	55.155	ug/l	98
49) 1,4-Dioxane	9.387	88	9549	1179.853	ug/l	89
51) 4-Methyl-2-Pentanone	10.157	43	184641	292.336	ug/l	100
52) Toluene	10.334	92	222854	56.311	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	108784	57.177	ug/l	98
54) cis-1,3-Dichloropropene	10.022	75	130104	56.883	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	64299	54.931	ug/l	95
56) Ethyl methacrylate	10.598	69	69074	58.864	ug/l	96
57) 1,3-Dichloropropane	10.881	76	105609	55.914	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	167872	324.440	ug/l	98
59) 2-Hexanone	10.922	43	140495	300.066	ug/l	100
60) Dibromochloromethane	11.075	129	83713	57.991	ug/l	97
61) 1,2-Dibromoethane	11.181	107	63272	55.854	ug/l	99
64) Tetrachloroethene	10.810	164	75266	55.784	ug/l	96
65) Chlorobenzene	11.610	112	236657	55.546	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	88707	56.851	ug/l	97
67) Ethyl Benzene	11.687	91	420342	57.896	ug/l	95
68) m/p-Xylenes	11.793	106	339597	115.188	ug/l	99
69) o-Xylene	12.122	106	153863	56.406	ug/l	96
70) Styrene	12.140	104	269977	58.967	ug/l	100
71) Bromoform	12.304	173	48652	57.696	ug/l #	96
73) Isopropylbenzene	12.422	105	408483	57.451	ug/l	98
74) N-amyl acetate	12.234	43	64194	55.609	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	72236	54.882	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	41604m	50.005	ug/l	
77) Bromobenzene	12.704	156	97938	55.543	ug/l	97
78) n-propylbenzene	12.763	91	499460	57.710	ug/l	100
79) 2-Chlorotoluene	12.851	91	262098	55.204	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	337030	57.322	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	22475	56.625	ug/l	95
82) 4-Chlorotoluene	12.951	91	275543	54.870	ug/l	100
83) tert-Butylbenzene	13.169	119	292513	57.698	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	348499	58.816	ug/l	99
85) sec-Butylbenzene	13.345	105	460295	59.996	ug/l	98
86) p-Isopropyltoluene	13.463	119	392705	59.792	ug/l	100
87) 1,3-Dichlorobenzene	13.463	146	208880	56.136	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	204151	55.671	ug/l	99
89) n-Butylbenzene	13.792	91	358468	60.434	ug/l	99
90) Hexachloroethane	14.057	117	75213	55.344	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	177193	55.291	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	9674	54.943	ug/l	97
93) 1,2,4-Trichlorobenzene	15.104	180	106365	56.871	ug/l	97
94) Hexachlorobutadiene	15.204	225	58884	58.154	ug/l	98
95) Naphthalene	15.334	128	189678	58.331	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	92652	57.262	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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