

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101524\
 Data File : VD079979.D
 Acq On : 15 Oct 2024 11:02
 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 10/16/2024
 Supervised By :Semsettin Yesilyurt 10/16/2024

Quant Time: Oct 16 01:23:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101124S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 03:20:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	147857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	230497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	212312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	121105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	82191	48.867	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.740%		
35) Dibromofluoromethane	7.804	113	87535	52.616	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.240%		
50) Toluene-d8	10.269	98	304725	51.400	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.800%		
62) 4-Bromofluorobenzene	12.575	95	109541	52.930	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	105.860%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.940	85	69903	48.102	ug/l	97
3) Chloromethane	2.152	50	62004	41.541	ug/l	93
4) Vinyl Chloride	2.287	62	82502	44.456	ug/l	93
5) Bromomethane	2.699	94	71799	44.973	ug/l	100
6) Chloroethane	2.840	64	55152	43.533	ug/l	97
7) Trichlorofluoromethane	3.175	101	148308	51.009	ug/l	98
8) Diethyl Ether	3.599	74	39341	49.259	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.963	101	91194	51.067	ug/l	99
10) Methyl Iodide	4.169	142	89855	51.315	ug/l	98
11) Tert butyl alcohol	5.058	59	23634	229.739	ug/l #	79
12) 1,1-Dichloroethene	3.946	96	77727	48.927	ug/l	94
13) Acrolein	3.805	56	18770	170.169	ug/l	100
14) Allyl chloride	4.563	41	117901	49.966	ug/l	99
15) Acrylonitrile	5.258	53	94417	247.414	ug/l	100
16) Acetone	4.022	43	108638	249.191	ug/l	98
17) Carbon Disulfide	4.275	76	194158	43.845	ug/l	97
18) Methyl Acetate	4.563	43	46000	49.153	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	190303	51.867	ug/l	95
20) Methylene Chloride	4.805	84	98173	53.642	ug/l	93
21) trans-1,2-Dichloroethene	5.322	96	86962	50.979	ug/l	95
22) Diisopropyl ether	6.216	45	275494	53.835	ug/l	96
23) Vinyl Acetate	6.157	43	759688	264.214	ug/l	100
24) 1,1-Dichloroethane	6.110	63	168273	49.910	ug/l	99
25) 2-Butanone	7.081	43	128832	242.681	ug/l	99
26) 2,2-Dichloropropane	7.075	77	150312	51.529	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	108721	51.252	ug/l	99
28) Bromochloromethane	7.428	49	58185	40.434	ug/l #	100
29) Tetrahydrofuran	7.446	42	70870	249.617	ug/l	99
30) Chloroform	7.599	83	184396	51.632	ug/l	97
31) Cyclohexane	7.881	56	121732	47.631	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	153680	51.947	ug/l	99
36) 1,1-Dichloropropene	8.010	75	117145	52.538	ug/l	98
37) Ethyl Acetate	7.169	43	52834	48.944	ug/l	96
38) Carbon Tetrachloride	7.993	117	132332	53.407	ug/l	95
39) Methylcyclohexane	9.275	83	128392	51.313	ug/l	96
40) Benzene	8.252	78	371417	52.674	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	29144	51.409	ug/l	94
42) 1,2-Dichloroethane	8.328	62	101846	52.521	ug/l	99
43) Isopropyl Acetate	8.363	43	100056	50.311	ug/l	99
44) Trichloroethene	9.028	130	90633	51.959	ug/l	97
45) 1,2-Dichloropropane	9.304	63	96180	53.790	ug/l	100
46) Dibromomethane	9.393	93	52079	52.789	ug/l	98
47) Bromodichloromethane	9.587	83	141340	54.019	ug/l #	97
48) Methyl methacrylate	9.381	41	45587	50.889	ug/l	95
49) 1,4-Dioxane	9.387	88	11510	1061.756	ug/l	90
51) 4-Methyl-2-Pentanone	10.157	43	273388	268.699	ug/l	98
52) Toluene	10.334	92	238375	55.215	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	120604	52.638	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	146796	54.297	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	73240	52.851	ug/l	95
56) Ethyl methacrylate	10.598	69	86908	53.682	ug/l	97
57) 1,3-Dichloropropane	10.875	76	120530	53.893	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	184037	307.206	ug/l	98
59) 2-Hexanone	10.922	43	199359	264.555	ug/l	98
60) Dibromochloromethane	11.075	129	97756	54.293	ug/l	100
61) 1,2-Dibromoethane	11.181	107	66371	52.039	ug/l	97
64) Tetrachloroethene	10.810	164	81401	54.358	ug/l	98
65) Chlorobenzene	11.610	112	263859	53.401	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	98450	55.462	ug/l	95
67) Ethyl Benzene	11.681	91	458590	54.873	ug/l	98
68) m/p-Xylenes	11.793	106	361453	112.697	ug/l	99
69) o-Xylene	12.122	106	166923	56.251	ug/l	94
70) Styrene	12.134	104	300765	56.957	ug/l	100
71) Bromoform	12.298	173	56956	53.354	ug/l #	97
73) Isopropylbenzene	12.422	105	447839	54.359	ug/l	98
74) N-amyl acetate	12.234	43	99627	50.000	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	87863	52.600	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	59820m	44.773	ug/l	
77) Bromobenzene	12.698	156	111008	52.083	ug/l	100
78) n-propylbenzene	12.763	91	560644	54.737	ug/l	100
79) 2-Chlorotoluene	12.851	91	318728	53.562	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	381251	54.908	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	30002	50.113	ug/l	99
82) 4-Chlorotoluene	12.945	91	346150	54.146	ug/l	99
83) tert-Butylbenzene	13.169	119	333905	56.109	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	390775	56.045	ug/l	98
85) sec-Butylbenzene	13.345	105	505106	55.225	ug/l	100
86) p-Isopropyltoluene	13.463	119	425601	55.778	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	232762	53.377	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	227585	52.236	ug/l	98
89) n-Butylbenzene	13.787	91	406287	55.051	ug/l	100
90) Hexachloroethane	14.051	117	88066	52.214	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	201396	52.869	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13215	47.381	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	127487	53.403	ug/l	100
94) Hexachlorobutadiene	15.204	225	71977	54.752	ug/l	98
95) Naphthalene	15.333	128	220307	51.746	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	114232	53.994	ug/l	99

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

