Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111224\
Data File : VD079999.D
Acq On : 12 Nov 2024 16:56
Operator : RP/MD
Sample : VSTDCCC025EC
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025922

Quant Time: Nov 13 03:25:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM111224SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Nov 13 03:23:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	252067	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	244405	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	129196	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	87773	23.361	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.440%			
7) Chloroethane-d5	2.799	69	78242	25.136	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.560%			
11) 1,1-Dichloroethene-d2	3.916	65	36991	24.016	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 96.080%			
21) 2-Butanone-d5	6.987	46	44267	55.957	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.920%			
24) Chloroform-d	7.569	84	202528	28.290	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 113.160%			
26) 1,2-Dichloroethane-d4	8.234	65	103274	26.604	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.400%			
32) Benzene-d6	8.204	84	376461	26.784	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 107.120%			
36) 1,2-Dichloropropane-d6	9.210	67	119824	26.426	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.720%			
41) Toluene-d8	10.269	98	349772	27.339	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 109.360%			
43) trans-1,3-Dichloroprop...	10.522	79	50601	27.728	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 110.920%			
47) 2-Hexanone-d5	10.875	63	41461	62.104	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 124.200%			
56) 1,1,2,2-Tetrachloroeth...	12.645	84	103989	28.632	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 114.520%			
66) 1,2-Dichlorobenzene-d4	13.810	152	122018	27.253	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 109.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	91185	23.789	ug/L	99
3) Chloromethane	2.146	50	80552	25.693	ug/L	98
5) Vinyl chloride	2.281	62	100077	25.425	ug/L	99
6) Bromomethane	2.693	94	74738	26.874	ug/L	96
8) Chloroethane	2.834	64	61522	24.547	ug/L	99
9) Trichlorofluoromethane	3.175	101	166678	25.318	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	102475	25.741	ug/L	96
12) 1,1-Dichloroethene	3.940	96	87840	26.009	ug/L	88
13) Acetone	4.016	43	50810	54.149	ug/L	97
14) Carbon disulfide	4.269	76	281923	24.990	ug/L	100
15) Methyl Acetate	4.563	43	38980	26.481	ug/L #	90
16) Methylene chloride	4.799	84	102341	24.469	ug/L	93
17) trans-1,2-Dichloroethene	5.310	96	91713	24.665	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	192091	26.559	ug/L	99
19) 1,1-Dichloroethane	6.110	63	180058	25.917	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	102769	25.336	ug/L	99
22) 2-Butanone	7.081	43	59458	53.390	ug/L	99
23) Bromochloromethane	7.428	128	50509	25.075	ug/L	91
25) Chloroform	7.599	83	194271	24.190	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	118073	25.177	ug/L	95
29) Cyclohexane	7.881	56	137452	26.014	ug/L	100
30) 1,1,1-Trichloroethane	7.799	97	161556	25.832	ug/L	98
31) Carbon tetrachloride	7.993	117	140752	25.632	ug/L	99
33) Benzene	8.251	78	403922	26.446	ug/L	100
34) Trichloroethene	9.028	95	103176	25.190	ug/L	96
35) Methylcyclohexane	9.275	83	153024	25.561	ug/L	98
37) 1,2-Dichloropropane	9.304	63	111121	26.045	ug/L	99
38) Bromodichloromethane	9.587	83	142595	26.227	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	163576	26.540	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	113023	56.104	ug/L	99
42) Toluene	10.334	91	446195	26.744	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	140611	26.487	ug/L	94
45) 1,1,2-Trichloroethane	10.734	97	84216	25.909	ug/L	98
46) Tetrachloroethene	10.810	164	83772	24.046	ug/L	95
48) 2-Hexanone	10.922	43	94625	58.250	ug/L	96
49) Dibromochloromethane	11.069	129	98120	25.631	ug/L	98
50) 1,2-Dibromoethane	11.181	107	76607	25.831	ug/L	98
51) Chlorobenzene	11.604	112	276042	25.236	ug/L	96
52) Ethylbenzene	11.681	91	479639	26.639	ug/L	97
53) m,p-Xylene	11.792	106	182294	27.001	ug/L	90
54) o-Xylene	12.122	106	173239	26.922	ug/L	98
55) Styrene	12.134	104	315264	27.233	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	97367	25.790	ug/L	98
59) Bromoform	12.298	173	61603	25.835	ug/L	99
60) Isopropylbenzene	12.422	105	467221	26.456	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	67700	26.885	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	382244	27.559	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	361851	26.202	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	217473	25.087	ug/L	97
65) 1,4-Dichlorobenzene	13.534	146	225517	24.834	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	198817	24.823	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	14650	26.698	ug/L	94
69) 1,3,5-Trichlorobenzene	14.592	180	144886	24.743	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	117961	23.908	ug/L	98
71) Naphthalene	15.328	128	207098	24.568	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	106620	24.477	ug/L	96

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

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