Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
Data File : VD077679.D
Acq On : 22 Nov 2023 19:31
Operator : JC/SY
Sample : VSTDCCC025EC
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025220

Quant Time: Dec 01 06:02:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Nov 27 00:00:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	239136	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	228389	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	119047	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	180147	29.613	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 118.440%			
7) Chloroethane-d5	2.805	69	152210	31.850	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 127.400%			
11) 1,1-Dichloroethene-d2	3.922	65	48066	25.553	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 102.200%			
21) 2-Butanone-d5	6.993	46	56650	53.787	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.580%			
24) Chloroform-d	7.569	84	201632	29.188	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 116.760%			
26) 1,2-Dichloroethane-d4	8.234	65	110969	30.199	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 120.800%			
32) Benzene-d6	8.205	84	408435	27.554	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 110.200%			
36) 1,2-Dichloropropane-d6	9.210	67	129035	26.724	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.880%			
41) Toluene-d8	10.269	98	368705	27.526	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 110.120%			
43) trans-1,3-Dichloroprop...	10.528	79	53492	25.695	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.760%			
47) 2-Hexanone-d5	10.875	63	47553	55.055	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.100%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	96549	30.181	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 120.720%#			
66) 1,2-Dichlorobenzene-d4	13.816	152	118102	27.886	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 111.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	69159	17.958	ug/L	99
3) Chloromethane	2.152	50	113032	20.400	ug/L	99
5) Vinyl chloride	2.287	62	130884	20.929	ug/L	98
6) Bromomethane	2.699	94	77855	23.384	ug/L	99
8) Chloroethane	2.840	64	89673	23.065	ug/L	90
9) Trichlorofluoromethane	3.181	101	117752	20.690	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	70426	20.108	ug/L	99
12) 1,1-Dichloroethene	3.946	96	67577	19.872	ug/L	93
13) Acetone	4.022	43	39651	35.816	ug/L	98
14) Carbon disulfide	4.275	76	199062	16.256	ug/L #	95
15) Methyl Acetate	4.564	43	40521	22.248	ug/L	95
16) Methylene chloride	4.805	84	91537	22.671	ug/L	99
17) trans-1,2-Dichloroethene	5.316	96	73391	20.516	ug/L	93
18) Methyl tert-butyl Ether	5.322	73	192473	22.924	ug/L	98
19) 1,1-Dichloroethane	6.116	63	155014	21.598	ug/L	98
20) cis-1,2-Dichloroethene	7.087	96	85472	21.992	ug/L	98
22) 2-Butanone	7.081	43	54153	40.653	ug/L	97
23) Bromochloromethane	7.422	128	37193	23.817	ug/L	92
25) Chloroform	7.599	83	154491	23.431	ug/L	95

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Quant Title : SFAM01.0
QLast Update : Mon Nov 27 00:00:09 2023
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.328	62	105510	24.140	ug/L		99
29) Cyclohexane	7.881	56	115537	15.581	ug/L		95
30) 1,1,1-Trichloroethane	7.793	97	122200	20.438	ug/L		99
31) Carbon tetrachloride	7.993	117	105143	20.463	ug/L		100
33) Benzene	8.252	78	332938	21.022	ug/L		100
34) Trichloroethene	9.028	95	79171	20.174	ug/L		88
35) Methylcyclohexane	9.275	83	119790	16.915	ug/L		96
37) 1,2-Dichloropropane	9.304	63	93869	21.320	ug/L		100
38) Bromodichloromethane	9.587	83	113591	22.492	ug/L		98
39) cis-1,3-Dichloropropene	10.016	75	141767	20.953	ug/L		99
40) 4-Methyl-2-pentanone	10.157	43	116135	43.284	ug/L		97
42) Toluene	10.334	91	355979	21.408	ug/L		98
44) trans-1,3-Dichloropropene	10.551	75	120536	21.561	ug/L		100
45) 1,1,2-Trichloroethane	10.734	97	65779	24.441	ug/L		99
46) Tetrachloroethene	10.810	164	58758	20.348	ug/L		93
48) 2-Hexanone	10.922	43	82778	38.922	ug/L		97
49) Dibromochloromethane	11.075	129	73506	24.044	ug/L		97
50) 1,2-Dibromoethane	11.181	107	59682	23.189	ug/L	#	100
51) Chlorobenzene	11.610	112	219843	22.567	ug/L		96
52) Ethylbenzene	11.681	91	391329	21.388	ug/L		97
53) m,p-Xylene	11.793	106	144335	21.679	ug/L		94
54) o-Xylene	12.122	106	144175	22.610	ug/L		97
55) Styrene	12.134	104	258230	23.193	ug/L		94
57) 1,1,2,2-Tetrachloroethane	12.675	83	79518	25.080	ug/L		96
59) Bromoform	12.298	173	47504	23.405	ug/L		99
60) Isopropylbenzene	12.422	105	383342	19.908	ug/L		99
61) 1,2,3-Trichloropropane	12.728	75	55535	21.900	ug/L		98
62) 1,3,5-Trimethylbenzene	12.904	105	289150	19.785	ug/L		97
63) 1,2,4-Trimethylbenzene	13.210	105	298546	20.167	ug/L		99
64) 1,3-Dichlorobenzene	13.457	146	167656	21.223	ug/L		98
65) 1,4-Dichlorobenzene	13.540	146	174594	21.899	ug/L		98
67) 1,2-Dichlorobenzene	13.834	146	155603	22.279	ug/L		95
68) 1,2-Dibromo-3-chloropr...	14.445	75	11971	21.703	ug/L		89
69) 1,3,5-Trichlorobenzene	14.592	180	112309	20.879	ug/L		99
70) 1,2,4-trichlorobenzene	15.104	180	94785	20.908	ug/L		97
71) Naphthalene	15.334	128	189405	22.169	ug/L		99
72) 1,2,3-Trichlorobenzene	15.522	180	86200	22.300	ug/L		99

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

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