Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040423\
Data File : VD075572.D
Acq On : 04 Apr 2023 17:56
Operator : KP/SY
Sample : VSTDCCC025EC
Misc : 5.00G/10.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025122

Quant Time: Apr 04 23:38:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Apr 01 00:08:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	330375	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	301659	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	150996	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	214395	27.872	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.480%			
7) Chloroethane-d5	2.805	69	199309	29.118	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 116.480%			
11) 1,1-Dichloroethene-d2	3.922	63	163668	26.379	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 105.520%			
21) 2-Butanone-d5	6.987	46	32161	64.203	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 128.400%			
24) Chloroform-d	7.569	84	214288	27.511	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 110.040%			
26) 1,2-Dichloroethane-d4	8.234	65	93541	27.099	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.400%			
32) Benzene-d6	8.199	84	455608	25.834	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.320%			
36) 1,2-Dichloropropane-d6	9.210	67	122965	26.163	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.640%			
41) Toluene-d8	10.269	98	427788	25.869	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.480%			
43) trans-1,3-Dichloroprop...	10.528	79	52291	26.689	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 106.760%			
47) 2-Hexanone-d5	10.875	63	30986	55.714	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.420%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	104481	29.674	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 118.680%			
66) 1,2-Dichlorobenzene-d4	13.816	152	130556	25.206	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	70838	22.879	ug/L	98
3) Chloromethane	2.146	50	102824	25.378	ug/L	99
5) Vinyl chloride	2.281	62	154963	24.540	ug/L	100
6) Bromomethane	2.699	94	103093	23.928	ug/L	98
8) Chloroethane	2.840	64	110440	25.105	ug/L	100
9) Trichlorofluoromethane	3.175	101	134003	24.406	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	98199	25.746	ug/L	98
12) 1,1-Dichloroethene	3.946	96	77898	24.722	ug/L	92
13) Acetone	4.022	43	30089	57.273	ug/L	100
14) Carbon disulfide	4.275	76	169851	22.531	ug/L	100
15) Methyl Acetate	4.569	43	25946	29.471	ug/L	100
16) Methylene chloride	4.805	84	107588	23.691	ug/L	99
17) trans-1,2-Dichloroethene	5.311	96	84414	25.235	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	180296	28.347	ug/L #	93
19) 1,1-Dichloroethane	6.111	63	151901	26.491	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	104547	26.616	ug/L	91
22) 2-Butanone	7.081	43	37009	59.139	ug/L	94
23) Bromochloromethane	7.428	128	50054	27.026	ug/L	96
25) Chloroform	7.599	83	181023	26.356	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Sat Apr 01 00:08:20 2023
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.322	62	94993	26.758	ug/L		97
29) Cyclohexane	7.881	56	86612	23.528	ug/L		98
30) 1,1,1-Trichloroethane	7.793	97	147811	24.873	ug/L		97
31) Carbon tetrachloride	7.993	117	114975	23.967	ug/L		99
33) Benzene	8.252	78	370871	23.892	ug/L		100
34) Trichloroethene	9.028	95	97001	22.305	ug/L		98
35) Methylcyclohexane	9.275	83	128692	22.624	ug/L		98
37) 1,2-Dichloropropane	9.304	63	93138	25.503	ug/L		99
38) Bromodichloromethane	9.587	83	135400	26.032	ug/L		98
39) cis-1,3-Dichloropropene	10.016	75	148640	25.670	ug/L		99
40) 4-Methyl-2-pentanone	10.157	43	76470	55.865	ug/L		99
42) Toluene	10.334	91	428284	24.833	ug/L		98
44) trans-1,3-Dichloropropene	10.557	75	126349	25.665	ug/L		98
45) 1,1,2-Trichloroethane	10.734	97	86386	25.777	ug/L		98
46) Tetrachloroethene	10.810	164	75614	22.201	ug/L		98
48) 2-Hexanone	10.922	43	55155	59.788	ug/L		99
49) Dibromochloromethane	11.075	129	97668	26.918	ug/L		91
50) 1,2-Dibromoethane	11.181	107	76631	26.098	ug/L		95
51) Chlorobenzene	11.610	112	287228	24.728	ug/L		94
52) Ethylbenzene	11.687	91	463415	25.552	ug/L		100
53) m,p-Xylene	11.793	106	181364	25.503	ug/L		91
54) o-Xylene	12.122	106	178883	26.416	ug/L		96
55) Styrene	12.140	104	331645	27.485	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.675	83	96012	27.760	ug/L		99
59) Bromoform	12.304	173	57538	24.639	ug/L		98
60) Isopropylbenzene	12.422	105	480525	24.103	ug/L		98
61) 1,2,3-Trichloropropane	12.728	75	60355	25.254	ug/L		98
62) 1,3,5-Trimethylbenzene	12.910	105	361789	24.058	ug/L		100
63) 1,2,4-Trimethylbenzene	13.216	105	360180	25.047	ug/L		99
64) 1,3-Dichlorobenzene	13.463	146	219771	24.344	ug/L		99
65) 1,4-Dichlorobenzene	13.540	146	227997	24.213	ug/L		100
67) 1,2-Dichlorobenzene	13.834	146	201380	24.630	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.451	75	12265	25.484	ug/L	#	88
69) 1,3,5-Trichlorobenzene	14.598	180	134481	24.156	ug/L		98
70) 1,2,4-trichlorobenzene	15.104	180	108023	23.968	ug/L		97
71) Naphthalene	15.334	128	216022	25.924	ug/L		99
72) 1,2,3-Trichlorobenzene	15.522	180	99916	24.749	ug/L		97

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

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