Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061824\
Data File : VD079195.D
Acq On : 18 Jun 2024 09:12
Operator : RP/MD
Sample : VSTDCCC025
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025900

Quant Time: Jun 19 07:12:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jun 15 02:21:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	190476	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	188686	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	105116	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.263	65	107356	18.315	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.280%			
7) Chloroethane-d5	2.787	69	110858	19.560	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.240%			
11) 1,1-Dichloroethene-d2	3.905	65	17893	17.196	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 68.800%			
21) 2-Butanone-d5	6.987	46	28825	64.294	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 128.580%			
24) Chloroform-d	7.563	84	122215	22.948	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.800%			
26) 1,2-Dichloroethane-d4	8.228	65	59544	24.236	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.960%			
32) Benzene-d6	8.198	84	231670	22.148	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.600%			
36) 1,2-Dichloropropane-d6	9.204	67	69316	23.005	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.040%			
41) Toluene-d8	10.269	98	212369	21.684	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.720%			
43) trans-1,3-Dichloroprop...	10.522	79	30358	23.971	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.880%			
47) 2-Hexanone-d5	10.875	63	27131	69.652	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 139.300%#			
56) 1,1,2,2-Tetrachloroeth...	12.645	84	80612	30.205	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 120.800%#			
66) 1,2-Dichlorobenzene-d4	13.810	152	86873	23.947	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	52889	17.541	ug/L	98
3) Chloromethane	2.146	50	103245	25.691	ug/L	98
5) Vinyl chloride	2.275	62	150715	22.722	ug/L	94
6) Bromomethane	2.675	94	82872	16.183	ug/L	98
8) Chloroethane	2.822	64	105147	21.628	ug/L	96
9) Trichlorofluoromethane	3.158	101	115147	22.788	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.952	101	72142	23.809	ug/L	97
12) 1,1-Dichloroethene	3.928	96	55797	21.152	ug/L	95
13) Acetone	4.022	43	34571	53.263	ug/L	99
14) Carbon disulfide	4.258	76	167976	18.254	ug/L	100
15) Methyl Acetate	4.563	43	24558	27.769	ug/L	93
16) Methylene chloride	4.793	84	76310	22.484	ug/L	94
17) trans-1,2-Dichloroethene	5.305	96	64107	22.488	ug/L	96
18) Methyl tert-butyl Ether	5.310	73	133298	26.364	ug/L #	90
19) 1,1-Dichloroethane	6.104	63	109669	23.894	ug/L #	92
20) cis-1,2-Dichloroethene	7.075	96	76096	25.635	ug/L	96
22) 2-Butanone	7.075	43	37123	54.445	ug/L #	67
23) Bromochloromethane	7.422	128	38749	25.748	ug/L	86
25) Chloroform	7.593	83	130188	24.983	ug/L	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jun 15 02:21:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.322	62	76400	25.256	ug/L	#	94
29) Cyclohexane	7.875	56	75584	22.202	ug/L		97
30) 1,1,1-Trichloroethane	7.793	97	108818	24.359	ug/L		99
31) Carbon tetrachloride	7.987	117	99487	23.965	ug/L		98
33) Benzene	8.246	78	282148	25.106	ug/L		100
34) Trichloroethene	9.022	95	69034	23.850	ug/L		97
35) Methylcyclohexane	9.269	83	108973	22.721	ug/L		99
37) 1,2-Dichloropropane	9.298	63	72169	26.218	ug/L		99
38) Bromodichloromethane	9.581	83	98290	25.686	ug/L		97
39) cis-1,3-Dichloropropene	10.016	75	107802	25.087	ug/L		100
40) 4-Methyl-2-pentanone	10.157	43	71581	62.293	ug/L		98
42) Toluene	10.328	91	314303	25.186	ug/L		97
44) trans-1,3-Dichloropropene	10.551	75	98531	27.116	ug/L		98
45) 1,1,2-Trichloroethane	10.728	97	64692	26.788	ug/L		96
46) Tetrachloroethene	10.804	164	61656	24.192	ug/L		96
48) 2-Hexanone	10.916	43	59896	60.237	ug/L		99
49) Dibromochloromethane	11.069	129	77977	27.267	ug/L		92
50) 1,2-Dibromoethane	11.175	107	60276	27.159	ug/L		100
51) Chlorobenzene	11.604	112	211987	25.531	ug/L		97
52) Ethylbenzene	11.681	91	330770	25.411	ug/L		99
53) m,p-Xylene	11.792	106	133919	26.222	ug/L		99
54) o-Xylene	12.116	106	129359	26.217	ug/L		88
55) Styrene	12.128	104	239936	27.425	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.669	83	78434	29.015	ug/L		97
59) Bromoform	12.292	173	50321	26.120	ug/L		100
60) Isopropylbenzene	12.416	105	339717	24.442	ug/L		100
61) 1,2,3-Trichloropropane	12.722	75	51078	27.523	ug/L		99
62) 1,3,5-Trimethylbenzene	12.904	105	228764	24.072	ug/L		96
63) 1,2,4-Trimethylbenzene	13.210	105	249002	24.497	ug/L		97
64) 1,3-Dichlorobenzene	13.457	146	165795	24.830	ug/L		99
65) 1,4-Dichlorobenzene	13.533	146	175129	24.754	ug/L		94
67) 1,2-Dichlorobenzene	13.828	146	154613	25.048	ug/L		95
68) 1,2-Dibromo-3-chloropr...	14.439	75	10025	26.278	ug/L	#	81
69) 1,3,5-Trichlorobenzene	14.586	180	105156	24.970	ug/L		99
70) 1,2,4-trichlorobenzene	15.092	180	86525	24.739	ug/L		98
71) Naphthalene	15.328	128	174018	26.604	ug/L		99
72) 1,2,3-Trichlorobenzene	15.516	180	84755	28.038	ug/L		96

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

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