Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120924\
Data File : VD080114.D
Acq On : 09 Dec 2024 12:42
Operator : RP/MD
Sample : VSTDCCC025
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025928

Quant Time: Dec 10 00:20:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM120524SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 06 01:10:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	311939	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	298463	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	156304	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	98867	17.792	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.160%			
7) Chloroethane-d5	2.793	69	79437	18.332	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.320%			
11) 1,1-Dichloroethene-d2	3.911	65	39419	19.777	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 79.120%			
21) 2-Butanone-d5	6.993	46	40852	43.739	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.480%			
24) Chloroform-d	7.563	84	185234	21.821	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.280%			
26) 1,2-Dichloroethane-d4	8.228	65	95176	21.314	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.240%			
32) Benzene-d6	8.199	84	385321	22.415	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.640%			
36) 1,2-Dichloropropane-d6	9.205	67	117154	21.686	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 86.760%			
41) Toluene-d8	10.263	98	368590	23.014	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.040%			
43) trans-1,3-Dichloroprop...	10.522	79	51084	22.347	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.400%			
47) 2-Hexanone-d5	10.875	63	35044	44.978	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.960%			
56) 1,1,2,2-Tetrachloroeth...	12.646	84	99107	22.754	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.000%			
66) 1,2-Dichlorobenzene-d4	13.810	152	128285	23.440	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	142285	27.813	ug/L	98
3) Chloromethane	2.152	50	97571	19.922	ug/L	94
5) Vinyl chloride	2.276	62	135372	21.924	ug/L	92
6) Bromomethane	2.687	94	82521	23.398	ug/L	98
8) Chloroethane	2.834	64	78168	20.969	ug/L	99
9) Trichlorofluoromethane	3.164	101	201014	24.831	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	121098	25.744	ug/L	97
12) 1,1-Dichloroethene	3.934	96	107848	25.041	ug/L	87
13) Acetone	4.028	43	68920	42.665	ug/L	97
14) Carbon disulfide	4.264	76	371099	23.643	ug/L	100
15) Methyl Acetate	4.558	43	44618	22.433	ug/L #	80
16) Methylene chloride	4.799	84	120429	24.097	ug/L	93
17) trans-1,2-Dichloroethene	5.305	96	118961	24.930	ug/L	93
18) Methyl tert-butyl Ether	5.322	73	228927	24.066	ug/L	97
19) 1,1-Dichloroethane	6.111	63	196890	23.030	ug/L	95
20) cis-1,2-Dichloroethene	7.075	96	124439	24.112	ug/L	97
22) 2-Butanone	7.081	43	73275	43.563	ug/L	96
23) Bromochloromethane	7.422	128	59516	24.953	ug/L	96
25) Chloroform	7.593	83	224686	23.948	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.322	62	126964	23.275	ug/L	#	94
29) Cyclohexane	7.875	56	169522	25.009	ug/L		99
30) 1,1,1-Trichloroethane	7.787	97	182210	24.927	ug/L		99
31) Carbon tetrachloride	7.993	117	163598	25.183	ug/L		99
33) Benzene	8.246	78	472732	24.442	ug/L		100
34) Trichloroethene	9.028	95	122248	24.364	ug/L		96
35) Methylcyclohexane	9.269	83	192384	25.342	ug/L		98
37) 1,2-Dichloropropane	9.299	63	122890	24.057	ug/L		100
38) Bromodichloromethane	9.581	83	155042	24.399	ug/L		99
39) cis-1,3-Dichloropropene	10.016	75	182024	23.634	ug/L		98
40) 4-Methyl-2-pentanone	10.157	43	125518	48.030	ug/L		98
42) Toluene	10.334	91	523774	25.521	ug/L		98
44) trans-1,3-Dichloropropene	10.552	75	160441	24.665	ug/L		96
45) 1,1,2-Trichloroethane	10.728	97	93754	24.606	ug/L		98
46) Tetrachloroethene	10.810	164	103697	25.468	ug/L		90
48) 2-Hexanone	10.916	43	110949	47.413	ug/L		98
49) Dibromochloromethane	11.069	129	109640	24.978	ug/L		94
50) 1,2-Dibromoethane	11.175	107	88070	24.743	ug/L	#	99
51) Chlorobenzene	11.604	112	331444	24.912	ug/L		95
52) Ethylbenzene	11.681	91	567326	25.433	ug/L		100
53) m,p-Xylene	11.793	106	218997	25.715	ug/L		95
54) o-Xylene	12.116	106	205679	25.067	ug/L		97
55) Styrene	12.134	104	371592	25.651	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.669	83	112405	25.335	ug/L		98
59) Bromoform	12.299	173	72250	26.045	ug/L		98
60) Isopropylbenzene	12.422	105	557322	25.383	ug/L		99
61) 1,2,3-Trichloropropane	12.722	75	73710	23.573	ug/L		97
62) 1,3,5-Trimethylbenzene	12.904	105	440333	25.337	ug/L		98
63) 1,2,4-Trimethylbenzene	13.210	105	437442	25.496	ug/L		99
64) 1,3-Dichlorobenzene	13.457	146	266214	25.313	ug/L		97
65) 1,4-Dichlorobenzene	13.534	146	272425	25.231	ug/L		100
67) 1,2-Dichlorobenzene	13.828	146	239642	24.985	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.445	75	16504	22.526	ug/L	#	74
69) 1,3,5-Trichlorobenzene	14.592	180	176533	24.505	ug/L		99
70) 1,2,4-trichlorobenzene	15.098	180	144287	24.376	ug/L		98
71) Naphthalene	15.328	128	256063	23.326	ug/L		100
72) 1,2,3-Trichlorobenzene	15.516	180	128363	23.542	ug/L		99

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

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