Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092324\
Data File : VW030191.D
Acq On : 23 Sep 2024 09:51
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025487

Quant Time: Sep 24 01:09:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 20 23:43:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	422451	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	371447	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	188719	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	105410	19.322	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.280%			
7) Chloroethane-d5	2.899	69	85301	22.147	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.600%			
11) 1,1-Dichloroethene-d2	4.021	65	49867	18.294	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.160%			
21) 2-Butanone-d5	7.081	46	53585	40.564	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.120%			
24) Chloroform-d	7.648	84	241250	20.770	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 83.080%			
26) 1,2-Dichloroethane-d4	8.307	65	121263	20.789	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 83.160%			
32) Benzene-d6	8.276	84	465192	21.739	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.960%			
36) 1,2-Dichloropropane-d6	9.270	67	134409	20.344	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 81.360%			
41) Toluene-d8	10.325	98	429275	22.386	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.560%			
43) trans-1,3-Dichloroprop...	10.575	79	56415	21.313	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.240%			
47) 2-Hexanone-d5	10.922	63	46599	46.093	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.180%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	105767	21.503	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.000%			
66) 1,2-Dichlorobenzene-d4	13.848	152	136410	21.293	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	82853	17.787	ug/L	95
3) Chloromethane	2.222	50	90467	20.801	ug/L	96
5) Vinyl chloride	2.375	62	128559	23.985	ug/L	99
6) Bromomethane	2.789	94	81195	25.287	ug/L	99
8) Chloroethane	2.936	64	78832	24.643	ug/L	94
9) Trichlorofluoromethane	3.271	101	120877	19.122	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	119686	20.886	ug/L	94
12) 1,1-Dichloroethene	4.045	96	114804	22.766	ug/L	91
13) Acetone	4.131	43	62751	41.404	ug/L	99
14) Carbon disulfide	4.387	76	281257	19.634	ug/L	98
15) Methyl Acetate	4.673	43	49272	20.103	ug/L	95
16) Methylene chloride	4.917	84	129235	20.746	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	124164	22.335	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	219614	25.067	ug/L	97
19) 1,1-Dichloroethane	6.216	63	251441	22.275	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	148609	24.359	ug/L	98
22) 2-Butanone	7.173	43	76130	42.435	ug/L	98
23) Bromochloromethane	7.514	128	64874	23.794	ug/L #	83
25) Chloroform	7.673	83	264862	23.102	ug/L	94

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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 20 23:43:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	164878	22.933	ug/L		99
29) Cyclohexane	7.959	56	185593	23.452	ug/L		97
30) 1,1,1-Trichloroethane	7.874	97	217759	24.237	ug/L		99
31) Carbon tetrachloride	8.069	117	189324	23.190	ug/L		99
33) Benzene	8.325	78	543363	23.926	ug/L		100
34) Trichloroethene	9.093	95	147360	24.037	ug/L		98
35) Methylcyclohexane	9.337	83	223080	23.603	ug/L		96
37) 1,2-Dichloropropane	9.368	63	143111	23.250	ug/L		99
38) Bromodichloromethane	9.648	83	186307	24.037	ug/L		100
39) cis-1,3-Dichloropropene	10.069	75	226185	25.118	ug/L		97
40) 4-Methyl-2-pentanone	10.209	43	145187	46.161	ug/L		98
42) Toluene	10.386	91	597805	24.808	ug/L		97
44) trans-1,3-Dichloropropene	10.605	75	182205	24.053	ug/L		94
45) 1,1,2-Trichloroethane	10.782	97	107161	23.925	ug/L		95
46) Tetrachloroethene	10.861	164	111895	24.736	ug/L		97
48) 2-Hexanone	10.965	43	106739	44.132	ug/L		98
49) Dibromochloromethane	11.129	129	119288	24.471	ug/L		99
50) 1,2-Dibromoethane	11.233	107	98930	23.954	ug/L	#	97
51) Chlorobenzene	11.654	112	389063	24.996	ug/L		90
52) Ethylbenzene	11.727	91	683522	24.779	ug/L		98
53) m,p-Xylene	11.837	106	265427	26.079	ug/L		84
54) o-Xylene	12.160	106	248097	25.905	ug/L		100
55) Styrene	12.178	104	425278	25.600	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.708	83	121368	22.702	ug/L		99
59) Bromoform	12.349	173	66362	22.218	ug/L		97
60) Isopropylbenzene	12.458	105	692619	24.927	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	85663	21.819	ug/L		97
62) 1,3,5-Trimethylbenzene	12.940	105	556077	27.305	ug/L		97
63) 1,2,4-Trimethylbenzene	13.245	105	544504	25.718	ug/L		97
64) 1,3-Dichlorobenzene	13.495	146	285691	23.200	ug/L		96
65) 1,4-Dichlorobenzene	13.574	146	298213	23.440	ug/L		98
67) 1,2-Dichlorobenzene	13.867	146	266438	24.007	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.476	75	18647	21.778	ug/L		88
69) 1,3,5-Trichlorobenzene	14.623	180	202512	23.560	ug/L		99
70) 1,2,4-trichlorobenzene	15.129	180	173116	24.863	ug/L		100
71) Naphthalene	15.360	128	321036	25.391	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	145691	23.861	ug/L		99

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

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