Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101024\
Data File : VW030499.D
Acq On : 10 Oct 2024 08:33
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

Quant Time: Oct 11 01:17:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 10 01:29:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	321950	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	288149	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	152837	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	114987	22.722	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.880%			
7) Chloroethane-d5	2.899	69	93496	24.407	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.640%			
11) 1,1-Dichloroethene-d2	4.015	65	47863	22.740	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 90.960%			
21) 2-Butanone-d5	7.081	46	40342	44.297	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.600%			
24) Chloroform-d	7.648	84	224412	24.374	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.480%			
26) 1,2-Dichloroethane-d4	8.307	65	116354	24.303	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.200%			
32) Benzene-d6	8.276	84	426162	25.482	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.920%			
36) 1,2-Dichloropropane-d6	9.270	67	121175	24.686	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.760%			
41) Toluene-d8	10.319	98	398217	26.083	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.320%			
43) trans-1,3-Dichloroprop...	10.575	79	51576	25.092	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.360%			
47) 2-Hexanone-d5	10.922	63	31713	50.160	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.320%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90346	25.062	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 100.240%			
66) 1,2-Dichlorobenzene-d4	13.848	152	121248	23.446	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	91120	22.152	ug/L #	88
3) Chloromethane	2.223	50	128753	26.932	ug/L	100
5) Vinyl chloride	2.381	62	159314	27.098	ug/L	99
6) Bromomethane	2.789	94	103581	26.767	ug/L	99
8) Chloroethane	2.936	64	96722	26.912	ug/L	95
9) Trichlorofluoromethane	3.271	101	120749	22.953	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	118622	25.063	ug/L	97
12) 1,1-Dichloroethene	4.045	96	111944	25.916	ug/L	90
13) Acetone	4.125	43	68391	51.294	ug/L	97
14) Carbon disulfide	4.393	76	372583	26.414	ug/L	100
15) Methyl Acetate	4.673	43	41124	24.969	ug/L	98
16) Methylene chloride	4.923	84	117085	24.056	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	122327	26.245	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	161512	24.759	ug/L	99
19) 1,1-Dichloroethane	6.216	63	230331	26.589	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	130379	26.226	ug/L	95
22) 2-Butanone	7.167	43	74113	51.567	ug/L	97
23) Bromochloromethane	7.514	128	56048	25.771	ug/L	91
25) Chloroform	7.679	83	241916	26.132	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	157505	25.790	ug/L	98
29) Cyclohexane	7.959	56	201948	28.791	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	200233	26.177	ug/L	99
31) Carbon tetrachloride	8.069	117	184855	27.058	ug/L	98
33) Benzene	8.325	78	510050	27.201	ug/L	100
34) Trichloroethene	9.093	95	137370	26.332	ug/L	98
35) Methylcyclohexane	9.337	83	232840	28.361	ug/L	99
37) 1,2-Dichloropropane	9.368	63	125329	26.761	ug/L	99
38) Bromodichloromethane	9.642	83	170057	27.292	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	193579	27.403	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	122661	54.519	ug/L	98
42) Toluene	10.386	91	555964	27.791	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	159306	26.837	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	88259	26.076	ug/L	97
46) Tetrachloroethene	10.855	164	105549	27.432	ug/L	98
48) 2-Hexanone	10.965	43	105685	57.441	ug/L	98
49) Dibromochloromethane	11.129	129	98386	26.051	ug/L	95
50) 1,2-Dibromoethane	11.233	107	82979	26.273	ug/L	97
51) Chlorobenzene	11.654	112	341341	26.506	ug/L	97
52) Ethylbenzene	11.727	91	638105	27.954	ug/L	98
53) m,p-Xylene	11.837	106	236034	27.600	ug/L	97
54) o-Xylene	12.166	106	221792	28.053	ug/L	88
55) Styrene	12.178	104	384713	28.463	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	99430	26.050	ug/L	97
59) Bromoform	12.349	173	51654	24.055	ug/L	98
60) Isopropylbenzene	12.458	105	623927	26.361	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	70176	23.596	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	506545	27.127	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	508520	27.814	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	265406	25.761	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	261448	24.577	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	228151	25.166	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	15126	22.810	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	175775	25.873	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	144656	26.449	ug/L	100
71) Naphthalene	15.360	128	248659	26.316	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	119685	25.243	ug/L	94

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

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