Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101524\
Data File : VW030609.D
Acq On : 15 Oct 2024 15:59
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

Quant Time: Oct 16 01:31:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Oct 16 01:28:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	270572	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	257287	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	129168	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	82282	19.347	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.400%			
7) Chloroethane-d5	2.893	69	79002	24.540	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.160%			
11) 1,1-Dichloroethene-d2	4.021	65	36031	20.369	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.480%			
21) 2-Butanone-d5	7.075	46	45215	59.076	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 118.160%			
24) Chloroform-d	7.648	84	199573	25.792	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.160%			
26) 1,2-Dichloroethane-d4	8.301	65	104845	26.057	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.240%			
32) Benzene-d6	8.270	84	358541	24.010	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.040%			
36) 1,2-Dichloropropane-d6	9.270	67	109079	24.887	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.560%			
41) Toluene-d8	10.318	98	327733	24.041	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.160%			
43) trans-1,3-Dichloroprop...	10.575	79	44607	24.305	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.240%			
47) 2-Hexanone-d5	10.922	63	34869	61.767	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 123.540%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	92866	28.851	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 115.400%			
66) 1,2-Dichlorobenzene-d4	13.848	152	109899	25.146	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	70548	20.408	ug/L	92
3) Chloromethane	2.222	50	104191	25.932	ug/L	99
5) Vinyl chloride	2.375	62	118582	24.000	ug/L	99
6) Bromomethane	2.783	94	83656	25.723	ug/L	94
8) Chloroethane	2.930	64	80025	26.494	ug/L	98
9) Trichlorofluoromethane	3.265	101	87719	19.841	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	90978	22.872	ug/L	95
12) 1,1-Dichloroethene	4.039	96	81611	22.481	ug/L	86
13) Acetone	4.118	43	43260	38.607	ug/L	94
14) Carbon disulfide	4.393	76	254182	21.442	ug/L	99
15) Methyl Acetate	4.667	43	38746	27.993	ug/L	98
16) Methylene chloride	4.917	84	100117	24.476	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	96485	24.632	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	145087	26.465	ug/L	99
19) 1,1-Dichloroethane	6.216	63	194232	26.679	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	109625	26.238	ug/L	86
22) 2-Butanone	7.167	43	58227	48.207	ug/L	97
23) Bromochloromethane	7.508	128	46821	25.616	ug/L	93
25) Chloroform	7.673	83	207735	26.701	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	135658	26.431	ug/L	99
29) Cyclohexane	7.953	56	144018	22.995	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	157819	23.107	ug/L	99
31) Carbon tetrachloride	8.069	117	141688	23.227	ug/L	99
33) Benzene	8.319	78	427267	25.519	ug/L	100
34) Trichloroethene	9.087	95	111330	23.901	ug/L	99
35) Methylcyclohexane	9.331	83	163593	22.316	ug/L	99
37) 1,2-Dichloropropane	9.367	63	110289	26.374	ug/L	100
38) Bromodichloromethane	9.642	83	144848	26.035	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	163343	25.897	ug/L	96
40) 4-Methyl-2-pentanone	10.203	43	118362	58.919	ug/L	99
42) Toluene	10.386	91	455085	25.477	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	139854	26.386	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	80188	26.533	ug/L	95
46) Tetrachloroethene	10.861	164	77690	22.614	ug/L	90
48) 2-Hexanone	10.965	43	87139	53.042	ug/L	96
49) Dibromochloromethane	11.123	129	85947	25.487	ug/L	95
50) 1,2-Dibromoethane	11.233	107	75463	26.760	ug/L	100
51) Chlorobenzene	11.654	112	295705	25.717	ug/L	97
52) Ethylbenzene	11.727	91	520554	25.540	ug/L	95
53) m,p-Xylene	11.836	106	191770	25.114	ug/L	91
54) o-Xylene	12.160	106	182795	25.893	ug/L	87
55) Styrene	12.178	104	321540	26.643	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	95668	28.071	ug/L	97
59) Bromoform	12.349	173	46597	25.676	ug/L	99
60) Isopropylbenzene	12.458	105	497093	24.851	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	67350	26.796	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	406304	25.746	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	408927	26.465	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	220897	25.370	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	226083	25.147	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	197100	25.725	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	14601	26.053	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	144584	25.182	ug/L	93
70) 1,2,4-trichlorobenzene	15.122	180	113760	24.612	ug/L	96
71) Naphthalene	15.360	128	223047	27.931	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	105045	26.215	ug/L	97

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

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