Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
Data File : VW030497.D
Acq On : 10 Oct 2024 00:47
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025512

Quant Time: Oct 10 01:35:03 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	362237	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	335279	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	166843	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	116755	20.506	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.040%			
7) Chloroethane-d5	2.899	69	99321	23.044	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.160%			
11) 1,1-Dichloroethene-d2	4.021	65	52384	22.120	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.480%			
21) 2-Butanone-d5	7.081	46	48829	47.653	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.300%			
24) Chloroform-d	7.648	84	256064	24.718	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.880%			
26) 1,2-Dichloroethane-d4	8.307	65	133485	24.780	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.120%			
32) Benzene-d6	8.270	84	475696	24.445	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.800%			
36) 1,2-Dichloropropane-d6	9.270	67	141436	24.763	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.040%			
41) Toluene-d8	10.319	98	443927	24.990	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.960%			
43) trans-1,3-Dichloroprop...	10.575	79	60096	25.128	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.520%			
47) 2-Hexanone-d5	10.922	63	38892	52.868	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.740%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	104475	24.907	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.640%			
66) 1,2-Dichlorobenzene-d4	13.849	152	142501	25.243	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	93577	20.219	ug/L	98
3) Chloromethane	2.223	50	131817	24.506	ug/L	98
5) Vinyl chloride	2.375	62	148217	22.406	ug/L	97
6) Bromomethane	2.790	94	106703	24.507	ug/L	94
8) Chloroethane	2.930	64	95504	23.618	ug/L	97
9) Trichlorofluoromethane	3.265	101	130671	22.077	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	120115	22.556	ug/L	96
12) 1,1-Dichloroethene	4.045	96	112286	23.104	ug/L	97
13) Acetone	4.137	43	50091	33.391	ug/L	99
14) Carbon disulfide	4.393	76	366585	23.099	ug/L	100
15) Methyl Acetate	4.673	43	45887	24.763	ug/L	98
16) Methylene chloride	4.923	84	127010	23.193	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	128415	24.487	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	195582	26.648	ug/L	99
19) 1,1-Dichloroethane	6.216	63	241666	24.795	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	142454	25.468	ug/L	95
22) 2-Butanone	7.173	43	65550	40.537	ug/L	99
23) Bromochloromethane	7.514	128	61628	25.185	ug/L	95
25) Chloroform	7.679	83	257267	24.700	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	172072	25.041	ug/L	100
29) Cyclohexane	7.953	56	198512	24.323	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	206571	23.209	ug/L	99
31) Carbon tetrachloride	8.069	117	189554	23.845	ug/L	96
33) Benzene	8.325	78	545645	25.008	ug/L	100
34) Trichloroethene	9.093	95	144753	23.847	ug/L	97
35) Methylcyclohexane	9.331	83	225742	23.631	ug/L	99
37) 1,2-Dichloropropane	9.368	63	136191	24.993	ug/L	100
38) Bromodichloromethane	9.642	83	179491	24.757	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	213392	25.962	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	137374	52.475	ug/L	99
42) Toluene	10.386	91	597735	25.679	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	174787	25.306	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	97320	24.711	ug/L	97
46) Tetrachloroethene	10.861	164	106593	23.809	ug/L	98
48) 2-Hexanone	10.965	43	98411	45.968	ug/L	99
49) Dibromochloromethane	11.123	129	107416	24.444	ug/L	97
50) 1,2-Dibromoethane	11.233	107	94589	25.739	ug/L	96
51) Chlorobenzene	11.654	112	366307	24.446	ug/L	97
52) Ethylbenzene	11.727	91	668039	25.152	ug/L	99
53) m,p-Xylene	11.837	106	249841	25.108	ug/L	96
54) o-Xylene	12.160	106	234387	25.478	ug/L	91
55) Styrene	12.178	104	410148	26.079	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	109570	24.671	ug/L	95
59) Bromoform	12.349	173	56353	24.040	ug/L	98
60) Isopropylbenzene	12.459	105	669309	25.904	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	77893	23.992	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	544670	26.720	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	544014	27.258	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	278201	24.737	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	283712	24.431	ug/L	90
67) 1,2-Dichlorobenzene	13.861	146	258104	26.080	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	18370	25.376	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	186156	25.101	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	148378	24.852	ug/L	99
71) Naphthalene	15.360	128	293629	28.466	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	142392	27.511	ug/L	97

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

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