Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101022\
Data File : VW024798.D
Acq On : 10 Oct 2022 10:50
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

Quant Time: Oct 11 01:57:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 07 03:04:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	532509	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	471552	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	237506	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	116538	20.917	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.680%			
7) Chloroethane-d5	2.885	69	73022	22.554	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.200%			
11) 1,1-Dichloroethene-d2	4.025	63	285826	22.165	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.680%			
21) 2-Butanone-d5	7.080	46	96605	48.228	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.460%			
24) Chloroform-d	7.647	84	328735	23.092	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.360%			
26) 1,2-Dichloroethane-d4	8.305	65	165488	22.409	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.640%			
32) Benzene-d6	8.275	84	633485	21.018	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.080%			
36) 1,2-Dichloropropane-d6	9.274	67	205140	22.276	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.120%			
41) Toluene-d8	10.323	98	554629	20.589	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 82.360%			
43) trans-1,3-Dichloroprop...	10.579	79	77922	19.001	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 76.000%			
47) 2-Hexanone-d5	10.921	63	73985	46.957	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.920%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	160720	24.494	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.960%			
66) 1,2-Dichlorobenzene-d4	13.847	152	181921	21.767	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	53496	16.363	ug/L	91
3) Chloromethane	2.221	50	130706	20.530	ug/L	99
5) Vinyl chloride	2.361	62	190384	29.084	ug/L	99
6) Bromomethane	2.776	94	88684	29.355	ug/L	99
8) Chloroethane	2.922	64	75471	27.347	ug/L	97
9) Trichlorofluoromethane	3.257	101	101829	27.806	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	192595	27.574	ug/L #	79
12) 1,1-Dichloroethene	4.044	96	184312	26.458	ug/L	91
13) Acetone	4.123	43	81843	56.001	ug/L	98
14) Carbon disulfide	4.385	76	556983	25.327	ug/L	100
15) Methyl Acetate	4.672	43	79519	24.573	ug/L	99
16) Methylene chloride	4.916	84	210385	20.117	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	198581	25.371	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	293398	23.641	ug/L	99
19) 1,1-Dichloroethane	6.220	63	373424	25.501	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	216727	25.806	ug/L	99
22) 2-Butanone	7.171	43	111589	47.737	ug/L	100
23) Bromochloromethane	7.513	128	86637	25.382	ug/L	97
25) Chloroform	7.677	83	358493	25.816	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	222506	25.465	ug/L	100
29) Cyclohexane	7.958	56	363438	24.745	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	294017	25.767	ug/L	99
31) Carbon tetrachloride	8.067	117	255436	26.435	ug/L	99
33) Benzene	8.323	78	842599	25.530	ug/L	100
34) Trichloroethene	9.092	95	211855	25.326	ug/L	97
35) Methylcyclohexane	9.335	83	384087	25.047	ug/L	99
37) 1,2-Dichloropropane	9.366	63	207654	25.486	ug/L	99
38) Bromodichloromethane	9.646	83	257302	25.672	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	309835	24.047	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	231176	47.934	ug/L	99
42) Toluene	10.384	91	880641	25.838	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	259607	23.501	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	142502	25.605	ug/L	98
46) Tetrachloroethene	10.860	164	147608	25.970	ug/L	93
48) 2-Hexanone	10.969	43	163784	50.222	ug/L	99
49) Dibromochloromethane	11.128	129	163016	26.012	ug/L	100
50) 1,2-Dibromoethane	11.238	107	133142	25.274	ug/L	100
51) Chlorobenzene	11.658	112	529990	25.397	ug/L	97
52) Ethylbenzene	11.731	91	984594	26.227	ug/L	99
53) m,p-Xylene	11.835	106	380576	25.961	ug/L	98
54) o-Xylene	12.164	106	363431	26.253	ug/L	91
55) Styrene	12.176	104	619957	26.565	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	166517	25.553	ug/L	100
59) Bromoform	12.347	173	77092	22.963	ug/L	99
60) Isopropylbenzene	12.463	105	978890	25.288	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	120411	23.536	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	843704	25.077	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	822399	24.951	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	381452	24.256	ug/L	91
65) 1,4-Dichlorobenzene	13.573	146	392263	25.623	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	349005	25.479	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	25698	21.241	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	256799	24.593	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	207171	23.617	ug/L	98
71) Naphthalene	15.359	128	439049	22.987	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	175725	23.537	ug/L	97

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

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