Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101222\
Data File : VW024892.D
Acq On : 12 Oct 2022 22:47
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

Quant Time: Oct 12 23:24:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Oct 12 23:18:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	463433	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	419644	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	205077	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	122455	22.397	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.600%			
7) Chloroethane-d5	2.885	69	70532	22.033	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.120%			
11) 1,1-Dichloroethene-d2	4.026	63	283663	23.862	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.440%			
21) 2-Butanone-d5	7.086	46	73679	42.531	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.060%			
24) Chloroform-d	7.647	84	313196	23.960	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.840%			
26) 1,2-Dichloroethane-d4	8.305	65	159788	23.357	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.440%			
32) Benzene-d6	8.275	84	637412	24.222	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.880%			
36) 1,2-Dichloropropane-d6	9.275	67	193634	23.991	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.960%			
41) Toluene-d8	10.323	98	574892	24.340	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.360%			
43) trans-1,3-Dichloroprop...	10.579	79	72016	23.526	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.120%			
47) 2-Hexanone-d5	10.927	63	59033	43.625	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.260%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	139575	22.175	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.680%			
66) 1,2-Dichlorobenzene-d4	13.853	152	172774	23.054	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	41370	19.953	ug/L	90
3) Chloromethane	2.215	50	116394	24.103	ug/L	100
5) Vinyl chloride	2.361	62	175688	26.667	ug/L	99
6) Bromomethane	2.782	94	74793	23.373	ug/L	100
8) Chloroethane	2.922	64	66675	24.288	ug/L	100
9) Trichlorofluoromethane	3.263	101	92878	28.500	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	164496	24.791	ug/L	97
12) 1,1-Dichloroethene	4.044	96	161228	25.679	ug/L	89
13) Acetone	4.141	43	45773	37.759	ug/L	96
14) Carbon disulfide	4.385	76	540434	26.352	ug/L	99
15) Methyl Acetate	4.678	43	69039	23.401	ug/L	98
16) Methylene chloride	4.916	84	198805	24.296	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	178462	26.113	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	265831	26.175	ug/L	100
19) 1,1-Dichloroethane	6.214	63	332657	26.309	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	192066	26.003	ug/L	98
22) 2-Butanone	7.177	43	84547	41.807	ug/L	100
23) Bromochloromethane	7.519	128	78951	26.132	ug/L	99
25) Chloroform	7.677	83	326208	26.284	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	205988	25.667	ug/L		99
29) Cyclohexane	7.958	56	318005	26.093	ug/L		100
30) 1,1,1-Trichloroethane	7.878	97	257382	26.669	ug/L		100
31) Carbon tetrachloride	8.067	117	225272	26.585	ug/L		99
33) Benzene	8.324	78	756835	26.510	ug/L		100
34) Trichloroethene	9.092	95	190596	26.509	ug/L		97
35) Methylcyclohexane	9.336	83	340119	26.285	ug/L		99
37) 1,2-Dichloropropane	9.366	63	189077	26.575	ug/L		100
38) Bromodichloromethane	9.646	83	231221	26.302	ug/L		99
39) cis-1,3-Dichloropropene	10.073	75	274382	26.680	ug/L		100
40) 4-Methyl-2-pentanone	10.207	43	197592	46.987	ug/L		99
42) Toluene	10.384	91	786099	26.856	ug/L		98
44) trans-1,3-Dichloropropene	10.604	75	222667	26.079	ug/L		99
45) 1,1,2-Trichloroethane	10.787	97	126941	25.543	ug/L		97
46) Tetrachloroethene	10.860	164	127526	26.086	ug/L		97
48) 2-Hexanone	10.969	43	131697	46.189	ug/L		98
49) Dibromochloromethane	11.128	129	145279	26.407	ug/L		99
50) 1,2-Dibromoethane	11.232	107	119005	25.419	ug/L		96
51) Chlorobenzene	11.658	112	484431	26.332	ug/L		99
52) Ethylbenzene	11.731	91	884767	26.993	ug/L		99
53) m,p-Xylene	11.835	106	329631	26.470	ug/L		92
54) o-Xylene	12.164	106	318924	26.897	ug/L		91
55) Styrene	12.177	104	556976	27.387	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.713	83	146529	24.166	ug/L		95
59) Bromoform	12.347	173	68293	24.887	ug/L	#	98
60) Isopropylbenzene	12.463	105	878257	26.549	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	107638	23.871	ug/L		99
62) 1,3,5-Trimethylbenzene	12.939	105	746949	26.299	ug/L		100
63) 1,2,4-Trimethylbenzene	13.243	105	736917	26.910	ug/L		99
64) 1,3-Dichlorobenzene	13.493	146	355718	26.404	ug/L		95
65) 1,4-Dichlorobenzene	13.573	146	346404	25.401	ug/L		97
67) 1,2-Dichlorobenzene	13.865	146	311558	26.018	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.481	75	21360	21.793	ug/L		93
69) 1,3,5-Trichlorobenzene	14.621	180	226320	25.729	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	179570	25.161	ug/L		93
71) Naphthalene	15.359	128	373882	24.178	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	151485	24.868	ug/L		98

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

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