Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023304.D
Acq On : 25 May 2022 05:15
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

Quant Time: May 25 06:01:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 25 04:05:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	367921	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	373264	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	211880	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	130654	17.309	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.240%			
7) Chloroethane-d5	2.879	69	88178	17.956	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.840%			
11) 1,1-Dichloroethene-d2	4.026	63	190392	19.521	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 78.080%			
21) 2-Butanone-d5	7.080	46	68681	47.855	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.700%			
24) Chloroform-d	7.647	84	250527	23.242	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.960%			
26) 1,2-Dichloroethane-d4	8.305	65	134756	22.794	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.160%			
32) Benzene-d6	8.275	84	472110	21.944	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 87.760%			
36) 1,2-Dichloropropane-d6	9.275	67	138649	22.942	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 91.760%			
41) Toluene-d8	10.323	98	455705	21.927	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.720%			
43) trans-1,3-Dichloroprop...	10.579	79	59588	21.414	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.640%			
47) 2-Hexanone-d5	10.921	63	57131	49.520	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.040%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	137131	24.344	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.360%			
66) 1,2-Dichlorobenzene-d4	13.847	152	185044	24.984	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	43640	21.758	ug/L	93
3) Chloromethane	2.215	50	115997	29.929	ug/L	98
5) Vinyl chloride	2.361	62	172911	22.230	ug/L	98
6) Bromomethane	2.770	94	77746	15.568	ug/L	99
8) Chloroethane	2.916	64	80327	21.412	ug/L	99
9) Trichlorofluoromethane	3.257	101	65823	18.515	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	127199	23.929	ug/L #	77
12) 1,1-Dichloroethene	4.044	96	113720	24.133	ug/L	81
13) Acetone	4.129	43	42711	39.749	ug/L	98
14) Carbon disulfide	4.385	76	286653	22.188	ug/L	98
15) Methyl Acetate	4.672	43	55352	25.641	ug/L	96
16) Methylene chloride	4.909	84	150511	27.957	ug/L	92
17) trans-1,2-Dichloroethene	5.422	96	132453	24.977	ug/L	97
18) Methyl tert-butyl Ether	5.422	73	226063	27.926	ug/L	100
19) 1,1-Dichloroethane	6.214	63	226782	25.233	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	150234	26.376	ug/L #	97
22) 2-Butanone	7.171	43	71133	47.337	ug/L	99
23) Bromochloromethane	7.513	128	73510	27.558	ug/L	87
25) Chloroform	7.677	83	260844	26.247	ug/L	94

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	168203	25.391	ug/L		100
29) Cyclohexane	7.952	56	188986	23.411	ug/L		99
30) 1,1,1-Trichloroethane	7.872	97	216530	24.547	ug/L		99
31) Carbon tetrachloride	8.067	117	194677	23.593	ug/L		99
33) Benzene	8.323	78	547215	24.886	ug/L		100
34) Trichloroethene	9.092	95	148839	24.613	ug/L		96
35) Methylcyclohexane	9.336	83	231438	23.296	ug/L		99
37) 1,2-Dichloropropane	9.366	63	132991	24.992	ug/L		100
38) Bromodichloromethane	9.646	83	184971	24.473	ug/L		96
39) cis-1,3-Dichloropropene	10.073	75	201841	24.462	ug/L		98
40) 4-Methyl-2-pentanone	10.207	43	165712	49.407	ug/L		96
42) Toluene	10.384	91	618371	25.093	ug/L		98
44) trans-1,3-Dichloropropene	10.604	75	181118	24.593	ug/L		99
45) 1,1,2-Trichloroethane	10.786	97	115336	25.927	ug/L		94
46) Tetrachloroethene	10.860	164	118967	26.178	ug/L		87
48) 2-Hexanone	10.963	43	111234	49.636	ug/L		99
49) Dibromochloromethane	11.128	129	141663	26.460	ug/L		98
50) 1,2-Dibromoethane	11.232	107	114507	25.635	ug/L		96
51) Chlorobenzene	11.652	112	424701	26.142	ug/L		99
52) Ethylbenzene	11.725	91	696223	25.395	ug/L		100
53) m,p-Xylene	11.835	106	280071	25.926	ug/L		99
54) o-Xylene	12.164	106	274956	26.524	ug/L		99
55) Styrene	12.183	104	466233	26.468	ug/L		91
57) 1,1,2,2-Tetrachloroethane	12.713	83	139295	25.070	ug/L		98
59) Bromoform	12.347	173	78653	26.194	ug/L		99
60) Isopropylbenzene	12.463	105	720451	24.820	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	100196	23.667	ug/L		98
62) 1,3,5-Trimethylbenzene	12.939	105	413628	25.614	ug/L		100
63) 1,2,4-Trimethylbenzene	13.249	105	631356	26.038	ug/L		99
64) 1,3-Dichlorobenzene	13.499	146	348106	26.861	ug/L		91
65) 1,4-Dichlorobenzene	13.579	146	350420	26.178	ug/L		97
67) 1,2-Dichlorobenzene	13.865	146	303164	25.564	ug/L		95
68) 1,2-Dibromo-3-chloropr...	14.481	75	21722	23.477	ug/L	#	92
69) 1,3,5-Trichlorobenzene	14.621	180	236221	27.460	ug/L		97
70) 1,2,4-trichlorobenzene	15.127	180	200248	28.938	ug/L		98
71) Naphthalene	15.359	128	445774	29.639	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	173650	28.314	ug/L		95

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

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