Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050522\
Data File : VW022850.D
Acq On : 05 May 2022 18:26
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

Quant Time: May 06 01:09:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 06 01:05:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	296269	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	297947	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	171076	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	141541	23.286	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.160%			
7) Chloroethane-d5	2.885	69	110395	27.916	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.680%			
11) 1,1-Dichloroethene-d2	4.019	63	170213	21.672	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.680%			
21) 2-Butanone-d5	7.074	46	71469	61.841	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 123.680%			
24) Chloroform-d	7.647	84	235870	27.174	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.680%			
26) 1,2-Dichloroethane-d4	8.305	65	131929	27.712	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.840%			
32) Benzene-d6	8.275	84	447491	26.057	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.240%			
36) 1,2-Dichloropropane-d6	9.274	67	129987	26.945	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.800%			
41) Toluene-d8	10.323	98	426713	25.722	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.880%			
43) trans-1,3-Dichloroprop...	10.579	79	57240	25.770	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 103.080%			
47) 2-Hexanone-d5	10.920	63	59358	64.456	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 128.920%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	135876	30.219	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 120.880%#			
66) 1,2-Dichlorobenzene-d4	13.847	152	160800	26.889	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 107.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	54144	33.524	ug/L	92
3) Chloromethane	2.215	50	81179	26.011	ug/L	97
5) Vinyl chloride	2.361	62	147970	23.625	ug/L	100
6) Bromomethane	2.776	94	97185	24.167	ug/L	91
8) Chloroethane	2.922	64	80397	26.613	ug/L	97
9) Trichlorofluoromethane	3.257	101	54183	18.927	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	97384	22.751	ug/L	97
12) 1,1-Dichloroethene	4.044	96	83605	22.033	ug/L	96
13) Acetone	4.123	43	37516	43.358	ug/L	99
14) Carbon disulfide	4.385	76	208214	20.015	ug/L	100
15) Methyl Acetate	4.672	43	47128	27.112	ug/L	99
16) Methylene chloride	4.915	84	104517	24.109	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	97452	22.822	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	170065	26.089	ug/L #	89
19) 1,1-Dichloroethane	6.214	63	181373	25.061	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	111882	24.394	ug/L #	99
22) 2-Butanone	7.171	43	64263	53.107	ug/L	99
23) Bromochloromethane	7.519	128	53969	25.126	ug/L	94
25) Chloroform	7.677	83	204807	25.593	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Fri May 06 01:05:05 2022
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.396	62	138817	26.023	ug/L		97
29) Cyclohexane	7.958	56	141043	21.889	ug/L		99
30) 1,1,1-Trichloroethane	7.872	97	163563	23.230	ug/L		99
31) Carbon tetrachloride	8.061	117	147055	22.327	ug/L		100
33) Benzene	8.323	78	422251	24.057	ug/L		100
34) Trichloroethene	9.091	95	112327	23.270	ug/L		96
35) Methylcyclohexane	9.335	83	170485	21.499	ug/L		97
37) 1,2-Dichloropropane	9.366	63	105494	24.836	ug/L		99
38) Bromodichloromethane	9.646	83	152997	25.360	ug/L		95
39) cis-1,3-Dichloropropene	10.073	75	165106	25.069	ug/L		97
40) 4-Methyl-2-pentanone	10.207	43	147874	55.234	ug/L		99
42) Toluene	10.384	91	484396	24.625	ug/L		97
44) trans-1,3-Dichloropropene	10.603	75	150934	25.675	ug/L		100
45) 1,1,2-Trichloroethane	10.786	97	93859	26.433	ug/L		98
46) Tetrachloroethene	10.859	164	84412	23.270	ug/L		91
48) 2-Hexanone	10.969	43	103913	58.091	ug/L		99
49) Dibromochloromethane	11.128	129	110788	25.924	ug/L		99
50) 1,2-Dibromoethane	11.231	107	92258	25.875	ug/L		99
51) Chlorobenzene	11.652	112	327507	25.255	ug/L		97
52) Ethylbenzene	11.731	91	541927	24.764	ug/L		100
53) m,p-Xylene	11.835	106	214434	24.868	ug/L		99
54) o-Xylene	12.164	106	210729	25.467	ug/L		97
55) Styrene	12.176	104	366389	26.058	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.713	83	122376	27.593	ug/L		99
59) Bromoform	12.347	173	62349	25.717	ug/L		99
60) Isopropylbenzene	12.463	105	577658	24.648	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	89257	26.112	ug/L		99
62) 1,3,5-Trimethylbenzene	12.938	105	320113	24.551	ug/L		98
63) 1,2,4-Trimethylbenzene	13.249	105	483703	24.706	ug/L		100
64) 1,3-Dichlorobenzene	13.493	146	254333	24.306	ug/L		96
65) 1,4-Dichlorobenzene	13.572	146	265525	24.567	ug/L		99
67) 1,2-Dichlorobenzene	13.865	146	240266	25.093	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.481	75	19976	26.740	ug/L	#	93
69) 1,3,5-Trichlorobenzene	14.627	180	167627	24.134	ug/L		99
70) 1,2,4-trichlorobenzene	15.127	180	145553	26.051	ug/L		99
71) Naphthalene	15.359	128	348791	28.722	ug/L		100
72) 1,2,3-Trichlorobenzene	15.554	180	126640	25.574	ug/L		95

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

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