Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072822\
Data File : VW024125.D
Acq On : 28 Jul 2022 16:40
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 4.94g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025026

Quant Time: Jul 29 01:18:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 29 01:16:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	239693	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	262264	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	158401	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	118462	23.057	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.240%			
7) Chloroethane-d5	2.873	69	82714	23.827	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.320%			
11) 1,1-Dichloroethene-d2	4.013	63	99447	21.982	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.920%			
21) 2-Butanone-d5	7.074	46	43066	47.164	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.320%			
24) Chloroform-d	7.641	84	151888	23.050	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.200%			
26) 1,2-Dichloroethane-d4	8.299	65	88326	23.330	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.320%			
32) Benzene-d6	8.269	84	276714	22.713	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.840%			
36) 1,2-Dichloropropane-d6	9.268	67	86083	22.402	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.600%			
41) Toluene-d8	10.323	98	276672	22.708	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.840%			
43) trans-1,3-Dichloroprop...	10.573	79	38763	22.751	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.000%			
47) 2-Hexanone-d5	10.921	63	39755	49.486	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.980%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	103178	23.270	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.080%			
66) 1,2-Dichlorobenzene-d4	13.847	152	113638	22.152	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	39375	22.243	ug/L	99
3) Chloromethane	2.209	50	106532	23.180	ug/L	97
5) Vinyl chloride	2.349	62	166732	23.276	ug/L	96
6) Bromomethane	2.763	94	92297	23.323	ug/L	93
8) Chloroethane	2.910	64	77760	24.676	ug/L	99
9) Trichlorofluoromethane	3.239	101	63273	18.974	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	72500	23.475	ug/L #	73
12) 1,1-Dichloroethene	4.025	96	56547	22.338	ug/L	88
13) Acetone	4.129	43	30434	46.969	ug/L	99
14) Carbon disulfide	4.379	76	169548	21.806	ug/L	98
15) Methyl Acetate	4.666	43	37358	23.900	ug/L	97
16) Methylene chloride	4.909	84	94300	25.848	ug/L	95
17) trans-1,2-Dichloroethene	5.415	96	73455	23.716	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	116969	25.477	ug/L	98
19) 1,1-Dichloroethane	6.202	63	145962	24.949	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	86327	25.382	ug/L	94
22) 2-Butanone	7.171	43	53198	51.151	ug/L	99
23) Bromochloromethane	7.506	128	43086	24.616	ug/L	92
25) Chloroform	7.665	83	168988	24.963	ug/L	96

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	120104	24.911	ug/L		99
29) Cyclohexane	7.952	56	110961	22.963	ug/L		99
30) 1,1,1-Trichloroethane	7.866	97	131471	22.427	ug/L		99
31) Carbon tetrachloride	8.061	117	120330	22.268	ug/L		98
33) Benzene	8.317	78	357489	23.595	ug/L		100
34) Trichloroethene	9.085	95	90314	22.511	ug/L		97
35) Methylcyclohexane	9.329	83	144744	23.747	ug/L		99
37) 1,2-Dichloropropane	9.366	63	92771	24.220	ug/L		100
38) Bromodichloromethane	9.640	83	131800	24.134	ug/L		97
39) cis-1,3-Dichloropropene	10.073	75	133379	23.900	ug/L		98
40) 4-Methyl-2-pentanone	10.207	43	133379	50.042	ug/L		99
42) Toluene	10.384	91	426608	24.894	ug/L		100
44) trans-1,3-Dichloropropene	10.603	75	128368	24.290	ug/L		96
45) 1,1,2-Trichloroethane	10.786	97	81030	24.216	ug/L		97
46) Tetrachloroethene	10.860	164	72521	23.095	ug/L		94
48) 2-Hexanone	10.963	43	100360	51.958	ug/L		99
49) Dibromochloromethane	11.128	129	98653	25.232	ug/L		97
50) 1,2-Dibromoethane	11.231	107	78888	24.079	ug/L	#	97
51) Chlorobenzene	11.652	112	285047	24.714	ug/L		98
52) Ethylbenzene	11.725	91	479879	25.409	ug/L		99
53) m,p-Xylene	11.835	106	188643	25.734	ug/L		97
54) o-Xylene	12.164	106	185509	26.462	ug/L		100
55) Styrene	12.176	104	341517	27.193	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.713	83	112462	24.250	ug/L		97
59) Bromoform	12.347	173	58076	23.720	ug/L		96
60) Isopropylbenzene	12.463	105	508910	25.365	ug/L		100
61) 1,2,3-Trichloropropane	12.768	75	80886	22.718	ug/L		99
62) 1,3,5-Trimethylbenzene	12.938	105	417840	25.886	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	424536	25.986	ug/L		99
64) 1,3-Dichlorobenzene	13.493	146	232590	24.238	ug/L		99
65) 1,4-Dichlorobenzene	13.572	146	250422	24.583	ug/L		95
67) 1,2-Dichlorobenzene	13.865	146	225135	25.082	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.481	75	18335	23.047	ug/L		90
69) 1,3,5-Trichlorobenzene	14.627	180	148183	24.215	ug/L		99
70) 1,2,4-trichlorobenzene	15.133	180	112260	24.211	ug/L		92
71) Naphthalene	15.359	128	261179	26.324	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	108275	24.825	ug/L		98

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

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