Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072522\
Data File : VW024084.D
Acq On : 25 Jul 2022 21:52
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

Quant Time: Jul 26 01:35:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jul 26 01:30:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	218934	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	238752	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	145423	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	126953	27.052	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.200%			
7) Chloroethane-d5	2.873	69	79655	25.121	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.480%			
11) 1,1-Dichloroethene-d2	4.007	63	93675	22.670	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 90.680%			
21) 2-Butanone-d5	7.080	46	38852	46.583	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.160%			
24) Chloroform-d	7.647	84	137468	22.839	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.360%			
26) 1,2-Dichloroethane-d4	8.305	65	81131	23.462	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.840%			
32) Benzene-d6	8.268	84	257497	23.217	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.880%			
36) 1,2-Dichloropropane-d6	9.274	67	74099	21.182	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 84.720%			
41) Toluene-d8	10.323	98	255038	22.994	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.960%			
43) trans-1,3-Dichloroprop...	10.579	79	35459	22.861	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.440%			
47) 2-Hexanone-d5	10.920	63	34312	46.917	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.840%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	94938	23.521	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.080%			
66) 1,2-Dichlorobenzene-d4	13.853	152	101268	21.502	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	40204	24.864	ug/L	97
3) Chloromethane	2.209	50	111990	26.678	ug/L	99
5) Vinyl chloride	2.349	62	176500	26.976	ug/L	99
6) Bromomethane	2.763	94	91453	25.301	ug/L	91
8) Chloroethane	2.910	64	79084	27.476	ug/L	95
9) Trichlorofluoromethane	3.245	101	74782	24.551	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	67586	23.959	ug/L	97
12) 1,1-Dichloroethene	4.031	96	55927	24.188	ug/L	81
13) Acetone	4.123	43	31018	52.409	ug/L	97
14) Carbon disulfide	4.373	76	170498	24.007	ug/L	98
15) Methyl Acetate	4.665	43	35543	24.895	ug/L	95
16) Methylene chloride	4.909	84	82998	24.907	ug/L	96
17) trans-1,2-Dichloroethene	5.415	96	69739	24.651	ug/L	91
18) Methyl tert-butyl Ether	5.421	73	110166	26.270	ug/L	99
19) 1,1-Dichloroethane	6.208	63	130753	24.468	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	81255	26.156	ug/L	98
22) 2-Butanone	7.171	43	54024	56.871	ug/L	97
23) Bromochloromethane	7.512	128	39971	25.002	ug/L	97
25) Chloroform	7.671	83	153938	24.896	ug/L	95

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Quant Title : SFAM01.0
QLast Update : Tue Jul 26 01:30:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.396	62	117439	26.668	ug/L		99
29) Cyclohexane	7.951	56	106593	24.231	ug/L		99
30) 1,1,1-Trichloroethane	7.872	97	123646	23.169	ug/L		99
31) Carbon tetrachloride	8.067	117	118154	24.018	ug/L		100
33) Benzene	8.323	78	345953	25.082	ug/L		100
34) Trichloroethene	9.091	95	84705	23.192	ug/L		97
35) Methylcyclohexane	9.335	83	133926	24.136	ug/L		99
37) 1,2-Dichloropropane	9.366	63	89107	25.554	ug/L		99
38) Bromodichloromethane	9.640	83	123363	24.814	ug/L		99
39) cis-1,3-Dichloropropene	10.073	75	126233	24.848	ug/L		100
40) 4-Methyl-2-pentanone	10.207	43	133746	55.121	ug/L		99
42) Toluene	10.384	91	405439	25.988	ug/L		99
44) trans-1,3-Dichloropropene	10.603	75	124251	25.826	ug/L		96
45) 1,1,2-Trichloroethane	10.786	97	76988	25.274	ug/L		96
46) Tetrachloroethene	10.859	164	70091	24.520	ug/L		92
48) 2-Hexanone	10.969	43	100876	57.368	ug/L		97
49) Dibromochloromethane	11.128	129	94811	26.637	ug/L		94
50) 1,2-Dibromoethane	11.231	107	77545	26.000	ug/L	#	95
51) Chlorobenzene	11.652	112	273046	26.005	ug/L		96
52) Ethylbenzene	11.725	91	461167	26.823	ug/L		100
53) m,p-Xylene	11.835	106	186112	27.889	ug/L		98
54) o-Xylene	12.164	106	178383	27.952	ug/L		97
55) Styrene	12.176	104	331194	28.968	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.713	83	111640	26.443	ug/L		99
59) Bromoform	12.347	173	55303	24.603	ug/L		100
60) Isopropylbenzene	12.463	105	478650	25.985	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	79913	24.448	ug/L		100
62) 1,3,5-Trimethylbenzene	12.938	105	396464	26.753	ug/L		98
63) 1,2,4-Trimethylbenzene	13.249	105	399329	26.624	ug/L		99
64) 1,3-Dichlorobenzene	13.499	146	219418	24.906	ug/L		98
65) 1,4-Dichlorobenzene	13.572	146	234016	25.023	ug/L		100
67) 1,2-Dichlorobenzene	13.865	146	213169	25.868	ug/L		92
68) 1,2-Dibromo-3-chloropr...	14.481	75	18309	25.068	ug/L		89
69) 1,3,5-Trichlorobenzene	14.627	180	134662	23.970	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	100684	23.652	ug/L		95
71) Naphthalene	15.365	128	249398	27.380	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	96978	24.219	ug/L		98

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

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