Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080322\
Data File : VW024153.D
Acq On : 03 Aug 2022 16:40
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

Quant Time: Aug 04 01:13:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080322SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Aug 04 01:06:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.836	114	359731	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	360928	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	208627	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	125946	20.673	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.680%			
7) Chloroethane-d5	2.873	69	82984	21.343	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.360%			
11) 1,1-Dichloroethene-d2	4.013	63	148216	19.401	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.600%			
21) 2-Butanone-d5	7.074	46	57206	45.189	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.380%			
24) Chloroform-d	7.647	84	212970	20.956	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 83.840%			
26) 1,2-Dichloroethane-d4	8.299	65	114306	20.755	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 83.040%			
32) Benzene-d6	8.269	84	381384	19.953	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 79.800%			
36) 1,2-Dichloropropane-d6	9.275	67	117396	20.799	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 83.200%			
41) Toluene-d8	10.317	98	366329	20.477	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.920%			
43) trans-1,3-Dichloroprop...	10.579	79	54504	20.697	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.800%			
47) 2-Hexanone-d5	10.921	63	52487	48.781	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.560%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	127408	22.379	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 89.520%			
66) 1,2-Dichlorobenzene-d4	13.853	152	159145	21.504	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	90773	30.702	ug/L	100
3) Chloromethane	2.209	50	142641	24.851	ug/L	99
5) Vinyl chloride	2.349	62	207747	23.761	ug/L	100
6) Bromomethane	2.764	94	105735	20.541	ug/L	98
8) Chloroethane	2.910	64	90303	24.085	ug/L	96
9) Trichlorofluoromethane	3.245	101	89638	17.995	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	124958	22.226	ug/L	99
12) 1,1-Dichloroethene	4.026	96	103357	21.801	ug/L	98
13) Acetone	4.123	43	39722	39.128	ug/L	98
14) Carbon disulfide	4.373	76	325275	21.157	ug/L	100
15) Methyl Acetate	4.672	43	50926	22.726	ug/L	98
16) Methylene chloride	4.903	84	138382	19.707	ug/L	94
17) trans-1,2-Dichloroethene	5.415	96	116836	21.875	ug/L	99
18) Methyl tert-butyl Ether	5.422	73	165363	22.718	ug/L	99
19) 1,1-Dichloroethane	6.208	63	198865	22.016	ug/L	98
20) cis-1,2-Dichloroethene	7.159	96	125426	22.221	ug/L	96
22) 2-Butanone	7.171	43	67752	41.625	ug/L	97
23) Bromochloromethane	7.513	128	62639	22.046	ug/L	97
25) Chloroform	7.671	83	221876	22.055	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	147613	22.251	ug/L		98
29) Cyclohexane	7.952	56	175857	22.999	ug/L		100
30) 1,1,1-Trichloroethane	7.866	97	185440	21.009	ug/L		100
31) Carbon tetrachloride	8.061	117	173710	20.999	ug/L		99
33) Benzene	8.317	78	477883	21.318	ug/L		100
34) Trichloroethene	9.086	95	125994	20.998	ug/L		98
35) Methylcyclohexane	9.329	83	216603	22.852	ug/L		99
37) 1,2-Dichloropropane	9.366	63	117191	21.971	ug/L		99
38) Bromodichloromethane	9.640	83	164164	21.537	ug/L		97
39) cis-1,3-Dichloropropene	10.067	75	180945	22.428	ug/L		98
40) 4-Methyl-2-pentanone	10.207	43	155049	46.409	ug/L		99
42) Toluene	10.384	91	528225	22.067	ug/L		100
44) trans-1,3-Dichloropropene	10.604	75	164875	22.336	ug/L		96
45) 1,1,2-Trichloroethane	10.786	97	100427	22.027	ug/L		96
46) Tetrachloroethene	10.860	164	107843	21.330	ug/L		88
48) 2-Hexanone	10.969	43	110921	48.133	ug/L		100
49) Dibromochloromethane	11.128	129	122644	22.067	ug/L		93
50) 1,2-Dibromoethane	11.232	107	97656	21.833	ug/L		91
51) Chlorobenzene	11.652	112	362083	21.873	ug/L		98
52) Ethylbenzene	11.725	91	592068	22.572	ug/L		95
53) m,p-Xylene	11.835	106	237680	23.599	ug/L		94
54) o-Xylene	12.164	106	229637	23.846	ug/L		97
55) Styrene	12.176	104	394309	23.587	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.713	83	125657	22.648	ug/L		96
59) Bromoform	12.347	173	70165	21.438	ug/L		99
60) Isopropylbenzene	12.463	105	614149	23.178	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	88947	21.256	ug/L		98
62) 1,3,5-Trimethylbenzene	12.939	105	532806	24.557	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	523894	24.479	ug/L		97
64) 1,3-Dichlorobenzene	13.493	146	294669	22.032	ug/L		97
65) 1,4-Dichlorobenzene	13.579	146	299460	21.583	ug/L		95
67) 1,2-Dichlorobenzene	13.865	146	265195	21.740	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.481	75	20601	22.186	ug/L	#	88
69) 1,3,5-Trichlorobenzene	14.627	180	204898	23.060	ug/L		96
70) 1,2,4-trichlorobenzene	15.127	180	173985	25.405	ug/L		96
71) Naphthalene	15.359	128	353788	26.806	ug/L		100
72) 1,2,3-Trichlorobenzene	15.548	180	148699	23.619	ug/L		98

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

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