Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102622\
Data File : VW024984.D
Acq On : 26 Oct 2022 13:18
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

Quant Time: Oct 27 04:41:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 27 04:34:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	311472	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	286446	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	144366	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	86703	24.800	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.200%			
7) Chloroethane-d5	2.891	69	50790	24.800	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.200%			
11) 1,1-Dichloroethene-d2	4.019	63	216810	24.896	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.600%			
21) 2-Butanone-d5	7.080	46	56786	48.127	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.260%			
24) Chloroform-d	7.653	84	244369	25.852	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.400%			
26) 1,2-Dichloroethane-d4	8.305	65	134142	25.352	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.400%			
32) Benzene-d6	8.275	84	479760	26.131	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.520%			
36) 1,2-Dichloropropane-d6	9.274	67	137218	25.507	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.040%			
41) Toluene-d8	10.323	98	444139	25.984	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.920%			
43) trans-1,3-Dichloroprop...	10.579	79	61146	25.633	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.520%			
47) 2-Hexanone-d5	10.927	63	46078	49.584	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.160%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	105290	24.512	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.040%			
66) 1,2-Dichlorobenzene-d4	13.847	152	143048	25.784	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	33641	32.382	ug/L	99
3) Chloromethane	2.221	50	66532	26.626	ug/L	98
5) Vinyl chloride	2.367	62	89939	26.050	ug/L	95
6) Bromomethane	2.782	94	43909	25.485	ug/L	95
8) Chloroethane	2.922	64	36530	25.364	ug/L	99
9) Trichlorofluoromethane	3.263	101	70571	24.366	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	106748	26.027	ug/L	99
12) 1,1-Dichloroethene	4.044	96	99734	25.813	ug/L	94
13) Acetone	4.123	43	34880	41.612	ug/L	96
14) Carbon disulfide	4.385	76	298771	26.472	ug/L	98
15) Methyl Acetate	4.672	43	41768	25.028	ug/L	100
16) Methylene chloride	4.915	84	112421	20.328	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	109484	26.463	ug/L	94
18) Methyl tert-butyl Ether	5.434	73	183940	26.504	ug/L	100
19) 1,1-Dichloroethane	6.220	63	203428	26.559	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	120766	26.782	ug/L	97
22) 2-Butanone	7.171	43	55598	44.271	ug/L	99
23) Bromochloromethane	7.519	128	50891	26.033	ug/L	95
25) Chloroform	7.677	83	213893	26.459	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	8.403	62	139462	25.434	ug/L		99
29) Cyclohexane	7.958	56	181309	26.806	ug/L		100
30) 1,1,1-Trichloroethane	7.872	97	180200	25.707	ug/L		100
31) Carbon tetrachloride	8.067	117	164056	26.191	ug/L		98
33) Benzene	8.323	78	461746	26.768	ug/L		100
34) Trichloroethene	9.091	95	121279	26.559	ug/L		99
35) Methylcyclohexane	9.335	83	206607	26.628	ug/L		99
37) 1,2-Dichloropropane	9.366	63	113085	27.011	ug/L		100
38) Bromodichloromethane	9.646	83	156473	26.779	ug/L		98
39) cis-1,3-Dichloropropene	10.073	75	179674	27.147	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	127149	51.753	ug/L		99
42) Toluene	10.384	91	486740	26.579	ug/L		97
44) trans-1,3-Dichloropropene	10.603	75	155625	26.449	ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	82403	26.068	ug/L		98
46) Tetrachloroethene	10.859	164	87513	26.798	ug/L		95
48) 2-Hexanone	10.969	43	85371	50.245	ug/L		100
49) Dibromochloromethane	11.128	129	102559	26.616	ug/L		97
50) 1,2-Dibromoethane	11.231	107	77303	25.857	ug/L	#	97
51) Chlorobenzene	11.658	112	320083	26.965	ug/L		97
52) Ethylbenzene	11.725	91	566167	26.783	ug/L		95
53) m,p-Xylene	11.835	106	213043	26.036	ug/L		98
54) o-Xylene	12.164	106	203704	26.388	ug/L		99
55) Styrene	12.176	104	353895	26.395	ug/L		90
57) 1,1,2,2-Tetrachloroethane	12.713	83	96917	25.557	ug/L		99
59) Bromoform	12.347	173	51952	25.443	ug/L		96
60) Isopropylbenzene	12.463	105	574789	26.482	ug/L		100
61) 1,2,3-Trichloropropane	12.768	75	72283	24.922	ug/L		99
62) 1,3,5-Trimethylbenzene	12.938	105	503639	26.731	ug/L		100
63) 1,2,4-Trimethylbenzene	13.243	105	493349	26.703	ug/L		99
64) 1,3-Dichlorobenzene	13.493	146	238558	26.353	ug/L		95
65) 1,4-Dichlorobenzene	13.572	146	235121	26.030	ug/L		98
67) 1,2-Dichlorobenzene	13.865	146	211755	26.016	ug/L		94
68) 1,2-Dibromo-3-chloropr...	14.481	75	16859	25.153	ug/L		96
69) 1,3,5-Trichlorobenzene	14.627	180	152729	25.473	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	131682	28.256	ug/L		99
71) Naphthalene	15.359	128	275727	28.047	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	109327	26.924	ug/L		96

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

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