Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081222\
Data File : BM036240.D
Acq On : 12 Aug 2022 21:12
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020142

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/13/2022
Supervised By :Sohil Jodhani 08/13/2022

Quant Time: Aug 12 21:49:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 11:23:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	211492	20.000	ng/ul	0.00
20) Naphthalene-d8	10.616	136	920758	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	565236	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	1216141	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	1337385	20.000	ng/ul	0.00
88) Perylene-d12	23.721	264	1431080	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	46364	8.249	ng/uL	0.00
4) Pyridine-d5	3.646	84	286574	18.612	ng/ul	0.00
7) Phenol-d5	7.004	99	348618	19.656	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.151	67	230071	19.459	ng/ul	0.00
11) 2-Chlorophenol-d4	7.351	132	304112	20.658	ng/ul	0.00
15) 4-Methylphenol-d8	8.545	113	286425	19.935	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	149511	20.492	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	154043	21.670	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	270358	21.029	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	456272	20.964	ng/ul	0.00
46) Dimethylphthalate-d6	13.880	166	801782	20.824	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	1001974	20.396	ng/ul	0.00
54) 4-Nitrophenol-d4	14.692	143	152282	19.260	ng/ul	0.00
60) Fluorene-d10	15.451	176	721383	20.734	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.580	200	129122	19.752	ng/ul	0.00
73) Anthracene-d10	17.298	188	1124492	20.452	ng/ul	0.00
81) Pyrene-d10	19.592	212	1369324	18.474	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.568	264	1454746	20.023	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	47601	8.173	ng/uL	96
5) Pyridine	3.663	79	318918	19.738	ng/ul	91
6) Benzaldehyde	6.957	77	160405	21.549	ng/ul	94
8) Phenol	7.034	94	389969	20.092	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.245	93	305137	19.555	ng/ul	97
12) 2-Chlorophenol	7.381	128	312861	20.717	ng/ul	99
13) 2-Methylphenol	8.281	108	287694	19.842	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.345	45	397947	19.321	ng/ul	98
16) Acetophenone	8.645	105	461754	20.017	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.634	70	227797	19.802	ng/ul	94
18) 4-Methylphenol	8.610	108	311729	20.041	ng/ul	100
19) Hexachloroethane	8.887	117	125276	20.106	ng/ul	93
22) Nitrobenzene	9.028	77	336615	20.161	ng/ul	98
23) Isophorone	9.557	82	623659	19.788	ng/ul	97
25) 2-Nitrophenol	9.739	139	170840	21.663	ng/ul	96
26) 2,4-Dimethylphenol	9.810	107	333804	20.715	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.039	93	397351	19.990	ng/ul	100
29) 2,4-Dichlorophenol	10.281	162	281514	21.097	ng/ul	98
30) Naphthalene	10.669	128	1006372	20.707	ng/ul	99
32) 4-Chloroaniline	10.792	127	452183	20.915	ng/ul	100
33) Hexachlorobutadiene	10.945	225	168699	20.479	ng/ul	99
34) Caprolactam	11.580	113	90355	20.488	ng/ul	88
35) 4-Chloro-3-methylphenol	11.933	107	295526	21.298	ng/ul	97
36) 2-Methylnaphthalene	12.280	142	648665	20.400	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	663744	20.709	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.651	216	316551	19.674	ng/ul	99
40) Hexachlorocyclopentadiene	12.622	237	162034	15.121	ng/ul	98
41) 2,4,6-Trichlorophenol	12.898	196	208477	20.247	ng/ul	100
42) 2,4,5-Trichlorophenol	12.980	196	223265	20.321	ng/ul	98
43) 1,1'-Biphenyl	13.298	154	870535	20.010	ng/ul	99
44) 2-Chloronaphthalene	13.339	162	667843	20.002	ng/ul	98
45) 2-Nitroaniline	13.557	65	190140	20.656	ng/ul	99
47) Dimethylphthalate	13.927	163	808372	20.873	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	158461	20.609	ng/ul	93
50) Acenaphthylene	14.180	152	1123701	20.678	ng/ul	100
51) 3-Nitroaniline	14.380	138	132594	15.604	ng/ul	100
52) Acenaphthene	14.521	153	717743	20.358	ng/ul	98
53) 2,4-Dinitrophenol	14.592	184	81023	18.559	ng/ul	98
55) 4-Nitrophenol	14.710	109	118307	19.564	ng/ul	85
56) Dibenzofuran	14.857	168	1016965	20.848	ng/ul	98
57) 2,4-Dinitrotoluene	14.833	165	240200	22.162	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.092	232	181223	20.994	ng/ul	96
59) Diethylphthalate	15.286	149	829775	21.182	ng/ul	98
61) Fluorene	15.504	166	824191	20.683	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.504	204	384458	20.137	ng/ul	97
63) 4-Nitroaniline	15.545	138	121874m	15.579	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.598	198	132877	20.313	ng/ul	99
67) N-Nitrosodiphenylamine	15.721	169	689029	19.272	ng/ul	98
68) 4-Bromophenyl-phenylether	16.398	248	223453	18.742	ng/ul	99
69) Hexachlorobenzene	16.504	284	280077	19.280	ng/ul	99
70) Atrazine	16.674	200	244472	19.714	ng/ul	99
71) Pentachlorophenol	16.857	266	148134	16.692	ng/ul	100
72) Phenanthrene	17.245	178	1329376	20.395	ng/ul	99
74) Anthracene	17.333	178	1353676	20.697	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.257	216	330487	17.475	ng/uL	98
76) Pentachlorobenzene	14.774	250	320581	18.700	ng/uL	99
77) Carbazole	17.615	167	1285180	21.275	ng/ul	99
78) Di-n-butylphthalate	18.174	149	1450014	21.275	ng/ul	100
80) Fluoranthene	19.262	202	1594332	18.003	ng/ul	97
82) Pyrene	19.621	202	1687029	18.482	ng/ul	98
83) Butylbenzylphthalate	20.527	149	698452	21.039	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.309	252	543418	22.019	ng/ul	99
85) Benzo(a)anthracene	21.368	228	1702752	20.228	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.297	149	1003122	20.912	ng/ul	99
87) Chrysene	21.421	228	1646433	20.046	ng/ul	100
89) Di-n-octyl phthalate	22.203	149	1738505	18.812	ng/ul	100
90) Benzo(b)fluoranthene	23.009	252	1824568	19.104	ng/ul	98
91) Benzo(k)fluoranthene	23.056	252	1713579	18.907	ng/ul	98
93) Benzo(a)pyrene	23.621	252	1794448	19.726	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.150	276	2082755	21.479	ng/ul	95
95) Dibenzo(a,h)anthracene	26.162	278	1795095	21.578	ng/ul	96
96) Benzo(g,h,i)perylene	26.897	276	1786483	22.233	ng/ul	96

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

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