Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031822\
Data File : BM034282.D
Acq On : 18 Mar 2022 18:40
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/23/2022

Quant Time: Mar 19 04:13:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 02:38:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	165768	20.000	ng	0.00
21) Naphthalene-d8	10.760	136	705556	20.000	ng	0.00
39) Acenaphthene-d10	14.589	164	466640	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	977247	20.000	ng	0.00
76) Chrysene-d12	21.494	240	1031184	20.000	ng	0.00
86) Perylene-d12	23.906	264	1046630	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.495	112	725929	78.561	ng	0.00
7) Phenol-d6	7.101	99	1061042	80.200	ng	0.00
23) Nitrobenzene-d5	9.107	82	1141943	78.800	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	512507	81.483	ng	0.00
45) 2-Fluorobiphenyl	13.219	172	2632678	77.094	ng	0.00
79) Terphenyl-d14	19.942	244	4281984	72.154	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.349	88	157016	37.557	ng	99
3) Pyridine	3.760	79	442178	39.085	ng	99
4) n-Nitrosodimethylamine	3.666	42	202803	37.754	ng	97
6) Aniline	7.266	93	612227	40.494	ng	99
8) 2-Chlorophenol	7.507	128	429058	39.699	ng	100
9) Benzaldehyde	7.072	77	271264	38.057	ng	99
10) Phenol	7.131	94	527521	40.091	ng	98
11) bis(2-Chloroethyl)ether	7.360	93	432703	40.065	ng	100
12) 1,3-Dichlorobenzene	7.837	146	475937	38.822	ng	99
13) 1,4-Dichlorobenzene	7.984	146	486063	38.728	ng	98
14) 1,2-Dichlorobenzene	8.301	146	477149	38.999	ng	98
15) Benzyl Alcohol	8.184	79	433404	41.164	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.484	45	594969	40.143	ng	98
17) 2-Methylphenol	8.384	107	368716	40.010	ng	99
18) Hexachloroethane	9.036	117	182767	39.483	ng	99
19) n-Nitroso-di-n-propyla...	8.760	70	383006	40.023	ng	99
20) 3+4-Methylphenols	8.719	107	523826	41.100	ng	100
22) Acetophenone	8.772	105	700658	38.697	ng	100
24) Nitrobenzene	9.148	77	528817	39.085	ng	98
25) Isophorone	9.683	82	963756	39.742	ng	99
26) 2-Nitrophenol	9.866	139	248049	41.341	ng	98
27) 2,4-Dimethylphenol	9.925	122	373902	39.797	ng	99
28) bis(2-Chloroethoxy)met...	10.166	93	617989	39.804	ng	99
29) 2,4-Dichlorophenol	10.401	162	432944	39.661	ng	99
30) 1,2,4-Trichlorobenzene	10.625	180	479713	38.660	ng	99
31) Naphthalene	10.807	128	1428231	38.855	ng	100
32) Benzoic acid	10.060	122	312059	40.166	ng	98
33) 4-Chloroaniline	10.913	127	591203	40.773	ng	99
34) Hexachlorobutadiene	11.107	225	298534	37.984	ng	100
35) Caprolactam	11.695	113	159069	41.919	ng	95
36) 4-Chloro-3-methylphenol	12.036	107	506084	40.455	ng	100
37) 2-Methylnaphthalene	12.419	142	1032694	39.373	ng	99
38) 1-Methylnaphthalene	12.636	142	1008685	39.314	ng	99
40) 1,2,4,5-Tetrachloroben...	12.789	216	542224	38.504	ng	100
41) Hexachlorocyclopentadiene	12.772	237	308500	37.835	ng	99
43) 2,4,6-Trichlorophenol	13.024	196	385049	39.605	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	417876	40.043	ng	99
46) 1,1'-Biphenyl	13.424	154	1377689	38.720	ng	99
47) 2-Chloronaphthalene	13.466	162	1065138	39.000	ng	98
48) 2-Nitroaniline	13.660	65	353665	42.357	ng	99
49) Acenaphthylene	14.307	152	1688977	39.678	ng	99
50) Dimethylphthalate	14.042	163	1409593	39.689	ng	100
51) 2,6-Dinitrotoluene	14.154	165	301930	41.447	ng	97
52) Acenaphthene	14.648	154	1138041m	39.691	ng	
53) 3-Nitroaniline	14.483	138	315454	43.162	ng	97
54) 2,4-Dinitrophenol	14.689	184	174534	42.763	ng	96
55) Dibenzofuran	14.983	168	1673899	39.175	ng	98
56) 4-Nitrophenol	14.783	139	251434	42.436	ng	98
57) 2,4-Dinitrotoluene	14.942	165	416226	42.270	ng	97
58) Fluorene	15.630	166	1374731	39.631	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.207	232	378685	40.242	ng	99
60) Diethylphthalate	15.401	149	1466040	40.234	ng	99
61) 4-Chlorophenyl-phenyle...	15.624	204	696977	39.354	ng	99
62) 4-Nitroaniline	15.642	138	311517	44.308	ng	97
63) Azobenzene	15.918	77	1416949	40.327	ng	98
65) 4,6-Dinitro-2-methylph...	15.701	198	261917	41.218	ng	97
66) n-Nitrosodiphenylamine	15.836	169	1198841	38.613	ng	99
67) 4-Bromophenyl-phenylether	16.518	248	431438	38.404	ng	98
68) Hexachlorobenzene	16.636	284	480421	38.341	ng	99
69) Atrazine	16.783	200	424909	41.522	ng	100
70) Pentachlorophenol	16.977	266	324865	40.542	ng	99
71) Phenanthrene	17.365	178	2148165	39.252	ng	100
72) Anthracene	17.459	178	2137498	40.127	ng	100
73) Carbazole	17.724	167	2037221	41.008	ng	100
74) Di-n-butylphthalate	18.295	149	2537015	41.079	ng	99
75) Fluoranthene	19.377	202	2536332	41.341	ng	99
77) Benzidine	19.553	184	689061	45.599	ng	99
78) Pyrene	19.736	202	2630130	36.201	ng	100
80) Butylbenzylphthalate	20.630	149	1191718	38.786	ng	99
81) Benzo(a)anthracene	21.477	228	2567952	39.456	ng	100
82) 3,3'-Dichlorobenzidine	21.412	252	896079	41.221	ng	98
83) Chrysene	21.530	228	2571818	38.695	ng	99
84) Bis(2-ethylhexyl)phtha...	21.406	149	1792078	39.497	ng	99
85) Di-n-octyl phthalate	22.336	149	3021800	41.956	ng	100
87) Indeno(1,2,3-cd)pyrene	26.429	276	2595411	38.548	ng	99
88) Benzo(b)fluoranthene	23.171	252	2410638	38.517	ng	99
89) Benzo(k)fluoranthene	23.224	252	2679462	40.415	ng	99
90) Benzo(a)pyrene	23.800	252	2100960	39.598	ng	99
91) Dibenzo(a,h)anthracene	26.447	278	2113515	38.714	ng	99
92) Benzo(g,h,i)perylene	27.200	276	2102885	37.215	ng	100

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

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