Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031722\
Data File : BM034267.D
Acq On : 17 Mar 2022 09:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

Quant Time: Mar 17 11:40:30 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	7.943	152	195614	20.000	ng		0.00
21) Naphthalene-d8	10.760	136	839316	20.000	ng		0.00
39) Acenaphthene-d10	14.583	164	567719	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	1195120	20.000	ng		0.00
76) Chrysene-d12	21.500	240	1173769	20.000	ng		0.00
86) Perylene-d12	23.912	264	1043294	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.496	112	831042	76.214	ng		0.00
7) Phenol-d6	7.101	99	1234695	79.086	ng		0.00
23) Nitrobenzene-d5	9.107	82	1336744	77.541	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	625893	81.793	ng		0.00
45) 2-Fluorobiphenyl	13.213	172	3201304	77.055	ng		0.00
79) Terphenyl-d14	19.942	244	5117152	75.753	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.349	88	184014	37.299	ng		99
3) Pyridine	3.760	79	511330	38.302	ng		99
4) n-Nitrosodimethylamine	3.666	42	239264	37.745	ng		98
6) Aniline	7.266	93	717164	40.198	ng		99
8) 2-Chlorophenol	7.507	128	501288	39.305	ng		99
9) Benzaldehyde	7.072	77	301640	35.862	ng		98
10) Phenol	7.131	94	614195	39.556	ng		99
11) bis(2-Chloroethyl)ether	7.360	93	493283	38.705	ng		99
12) 1,3-Dichlorobenzene	7.831	146	557382	38.529	ng		99
13) 1,4-Dichlorobenzene	7.978	146	571009	38.555	ng		99
14) 1,2-Dichlorobenzene	8.301	146	560442	38.818	ng		99
15) Benzyl Alcohol	8.184	79	504471	40.603	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.484	45	688072	39.341	ng		99
17) 2-Methylphenol	8.384	107	434323	39.938	ng		98
18) Hexachloroethane	9.037	117	213650	39.112	ng		98
19) n-Nitroso-di-n-propyla...	8.760	70	452738	40.091	ng		99
20) 3+4-Methylphenols	8.719	107	607669	40.404	ng		99
22) Acetophenone	8.766	105	829824	38.526	ng	#	98
24) Nitrobenzene	9.148	77	624221	38.783	ng		99
25) Isophorone	9.684	82	1142355	39.600	ng		98
26) 2-Nitrophenol	9.866	139	287134	40.229	ng		99
27) 2,4-Dimethylphenol	9.925	122	440569	39.420	ng		98
28) bis(2-Chloroethoxy)met...	10.166	93	725596	39.287	ng		99
29) 2,4-Dichlorophenol	10.401	162	517890	39.882	ng		98
30) 1,2,4-Trichlorobenzene	10.619	180	568360	38.504	ng		99
31) Naphthalene	10.807	128	1695746	38.781	ng		99
32) Benzoic acid	10.072	122	360011	38.953	ng		99
33) 4-Chloroaniline	10.913	127	689607	39.980	ng		99
34) Hexachlorobutadiene	11.101	225	359871	38.491	ng		98
35) Caprolactam	11.701	113	187375	41.509	ng		95
36) 4-Chloro-3-methylphenol	12.036	107	607941	40.853	ng		99
37) 2-Methylnaphthalene	12.419	142	1239799	39.736	ng		98
38) 1-Methylnaphthalene	12.636	142	1217263	39.882	ng		99
40) 1,2,4,5-Tetrachloroben...	12.783	216	651771	38.043	ng		100
41) Hexachlorocyclopentadiene	12.772	237	382561	38.564	ng		99
43) 2,4,6-Trichlorophenol	13.019	196	464661	39.284	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	497839	39.212	ng	98
46) 1,1'-Biphenyl	13.425	154	1657029	38.279	ng	99
47) 2-Chloronaphthalene	13.466	162	1278753	38.485	ng	98
48) 2-Nitroaniline	13.660	65	414533	40.808	ng	99
49) Acenaphthylene	14.307	152	2029123	39.181	ng	99
50) Dimethylphthalate	14.042	163	1691811	39.154	ng	100
51) 2,6-Dinitrotoluene	14.154	165	357450	40.332	ng	100
52) Acenaphthene	14.648	154	1375629m	39.435	ng	
53) 3-Nitroaniline	14.483	138	371676	41.800	ng	99
54) 2,4-Dinitrophenol	14.689	184	208628	42.015	ng	98
55) Dibenzofuran	14.983	168	2020815	38.873	ng	99
56) 4-Nitrophenol	14.783	139	295170	40.948	ng	99
57) 2,4-Dinitrotoluene	14.942	165	489082	40.825	ng	95
58) Fluorene	15.630	166	1683829	39.899	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.207	232	459823	40.164	ng	99
60) Diethylphthalate	15.401	149	1769423	39.914	ng	99
61) 4-Chlorophenyl-phenyle...	15.624	204	854009	39.636	ng	99
62) 4-Nitroaniline	15.642	138	363795	42.531	ng	98
63) Azobenzene	15.913	77	1721797	40.278	ng	98
65) 4,6-Dinitro-2-methylph...	15.707	198	312684	40.236	ng	97
66) n-Nitrosodiphenylamine	15.836	169	1459495	38.439	ng	99
67) 4-Bromophenyl-phenylether	16.513	248	526740	38.340	ng	100
68) Hexachlorobenzene	16.636	284	585374	38.200	ng	100
69) Atrazine	16.783	200	509519	40.713	ng	99
70) Pentachlorophenol	16.971	266	389457	39.742	ng	98
71) Phenanthrene	17.365	178	2613326	39.046	ng	99
72) Anthracene	17.460	178	2581130	39.622	ng	100
73) Carbazole	17.724	167	2425769	39.927	ng	100
74) Di-n-butylphthalate	18.295	149	3090925	40.924	ng	99
75) Fluoranthene	19.377	202	3040221	40.520	ng	99
77) Benzidine	19.554	184	779742	45.332	ng	99
78) Pyrene	19.736	202	3124343	37.780	ng	100
80) Butylbenzylphthalate	20.630	149	1408632	40.276	ng	98
81) Benzo(a)anthracene	21.483	228	2937514	39.651	ng	100
82) 3,3'-Dichlorobenzidine	21.412	252	974209	39.371	ng	98
83) Chrysene	21.536	228	2941509	38.881	ng	100
84) Bis(2-ethylhexyl)phtha...	21.412	149	2115282	40.957	ng	99
85) Di-n-octyl phthalate	22.336	149	3394008	41.400	ng	100
87) Indeno(1,2,3-cd)pyrene	26.430	276	2387888	35.580	ng	99
88) Benzo(b)fluoranthene	23.177	252	2551660	40.901	ng	99
89) Benzo(k)fluoranthene	23.224	252	2664178	40.313	ng	100
90) Benzo(a)pyrene	23.806	252	2098741	39.683	ng	99
91) Dibenzo(a,h)anthracene	26.447	278	1964231	36.095	ng	99
92) Benzo(g,h,i)perylene	27.206	276	1960003	34.797	ng	99

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

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