Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071922\
Data File : BM035872.D
Acq On : 19 Jul 2022 19:56
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 20 02:46:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 18 17:08:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	362513	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	1491719	20.000	ng		0.00
39) Acenaphthene-d10	14.533	164	832002	20.000	ng		0.00
64) Phenanthrene-d10	17.274	188	1530698	20.000	ng		0.00
76) Chrysene-d12	21.445	240	1294714	20.000	ng		0.00
86) Perylene-d12	23.821	264	1258024	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1881317	80.455	ng		0.00
7) Phenol-d6	7.069	99	2451318	83.366	ng		0.00
23) Nitrobenzene-d5	9.069	82	2307691	82.739	ng		0.00
42) 2,4,6-Tribromophenol	16.021	330	744971	80.049	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	4903272	83.303	ng		0.00
79) Terphenyl-d14	19.898	244	5718987	85.943	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	379150	39.228	ng		94
3) Pyridine	3.722	79	1066517	41.520	ng		90
4) n-Nitrosodimethylamine	3.640	42	454038	42.295	ng	#	69
6) Aniline	7.228	93	1374695	42.572	ng		95
8) 2-Chlorophenol	7.463	128	982843	40.676	ng		97
9) Benzaldehyde	7.040	77	640249	38.757	ng		95
10) Phenol	7.093	94	1236542	41.756	ng		91
11) bis(2-Chloroethyl)ether	7.328	93	997862	41.762	ng		97
12) 1,3-Dichlorobenzene	7.787	146	1085222	40.266	ng		98
13) 1,4-Dichlorobenzene	7.934	146	1108531	40.396	ng		99
14) 1,2-Dichlorobenzene	8.251	146	1071219	40.360	ng		99
15) Benzyl Alcohol	8.145	79	829145	42.796	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.440	45	1331162	42.791	ng		98
17) 2-Methylphenol	8.345	107	812287	42.250	ng		96
18) Hexachloroethane	8.981	117	400280	40.546	ng		93
19) n-Nitroso-di-n-propyla...	8.716	70	751159	44.063	ng		91
20) 3+4-Methylphenols	8.681	107	1105406	42.541	ng		97
22) Acetophenone	8.728	105	1535494	41.650	ng	#	93
24) Nitrobenzene	9.110	77	1081097	41.268	ng		99
25) Isophorone	9.640	82	1845007	42.286	ng		99
26) 2-Nitrophenol	9.822	139	474944	40.248	ng		93
27) 2,4-Dimethylphenol	9.881	122	767687	41.241	ng		97
28) bis(2-Chloroethoxy)met...	10.122	93	1272940	41.917	ng		99
29) 2,4-Dichlorophenol	10.351	162	847512	41.064	ng		98
30) 1,2,4-Trichlorobenzene	10.569	180	954306	40.066	ng		99
31) Naphthalene	10.757	128	3108425	41.012	ng		100
32) Benzoic acid	10.028	122	555435	39.454	ng		94
33) 4-Chloroaniline	10.869	127	1270535	41.903	ng		96
34) Hexachlorobutadiene	11.039	225	548256	40.106	ng		99
35) Caprolactam	11.657	113	253934	40.231	ng		97
36) 4-Chloro-3-methylphenol	11.992	107	891191	42.110	ng		100
37) 2-Methylnaphthalene	12.369	142	2079241	42.170	ng		97
38) 1-Methylnaphthalene	12.586	142	2005927	41.797	ng		98
40) 1,2,4,5-Tetrachloroben...	12.728	216	967593	40.705	ng		99
41) Hexachlorocyclopentadiene	12.710	237	521670	40.717	ng		99
43) 2,4,6-Trichlorophenol	12.969	196	646297	41.133	ng		99

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44) 2,4,5-Trichlorophenol	13.039	196	677254	40.880	ng	99
46) 1,1'-Biphenyl	13.375	154	2628751	41.534	ng	99
47) 2-Chloronaphthalene	13.416	162	1998081	41.073	ng	98
48) 2-Nitroaniline	13.622	65	563019	42.001	ng	94
49) Acenaphthylene	14.257	152	3100994	41.399	ng	100
50) Dimethylphthalate	14.004	163	2220459	40.546	ng	99
51) 2,6-Dinitrotoluene	14.116	165	469755	41.021	ng	96
52) Acenaphthene	14.598	154	1845516	41.129	ng	100
53) 3-Nitroaniline	14.445	138	570991	41.414	ng	95
54) 2,4-Dinitrophenol	14.645	184	214269	37.973	ng	91
55) Dibenzofuran	14.933	168	2956892	41.130	ng	98
56) 4-Nitrophenol	14.745	139	428423	39.603	ng	87
57) 2,4-Dinitrotoluene	14.898	165	615605	41.078	ng	98
58) Fluorene	15.580	166	2323656	41.166	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.157	232	539541	40.516	ng	99
60) Diethylphthalate	15.363	149	2179667	40.168	ng	99
61) 4-Chlorophenyl-phenyle...	15.574	204	1136265	41.373	ng	97
62) 4-Nitroaniline	15.604	138	579976	41.082	ng	92
63) Azobenzene	15.869	77	2340796	42.011	ng	94
65) 4,6-Dinitro-2-methylph...	15.657	198	297432	38.695	ng	94
66) n-Nitrosodiphenylamine	15.792	169	1894622	42.152	ng	99
67) 4-Bromophenyl-phenylether	16.468	248	640175	41.603	ng	97
68) Hexachlorobenzene	16.574	284	740503	41.456	ng	93
69) Atrazine	16.739	200	500801	42.401	ng	97
70) Pentachlorophenol	16.916	266	414023	41.770	ng	100
71) Phenanthrene	17.315	178	3300096	40.983	ng	99
72) Anthracene	17.404	178	3230306	41.271	ng	98
73) Carbazole	17.674	167	3239307	40.799	ng	100
74) Di-n-butylphthalate	18.251	149	3258389	40.308	ng	99
75) Fluoranthene	19.327	202	3464873	39.587	ng	98
77) Benzidine	19.515	184	857701	37.732	ng	99
78) Pyrene	19.686	202	3606124	42.598	ng	98
80) Butylbenzylphthalate	20.592	149	1215149	40.211	ng	97
81) Benzo(a)anthracene	21.433	228	3343229	40.792	ng	99
82) 3,3'-Dichlorobenzidine	21.368	252	763138	39.751	ng	99
83) Chrysene	21.486	228	3198283	40.895	ng	99
84) Bis(2-ethylhexyl)phtha...	21.368	149	1714907	40.261	ng	100
85) Di-n-octyl phthalate	22.292	149	2640759	39.079	ng	97
87) Indeno(1,2,3-cd)pyrene	26.303	276	3794901	41.286	ng	98
88) Benzo(b)fluoranthene	23.097	252	3046762	40.686	ng	98
89) Benzo(k)fluoranthene	23.150	252	3234546	41.739	ng	99
90) Benzo(a)pyrene	23.721	252	2608353	40.922	ng	99
91) Dibenzo(a,h)anthracene	26.321	278	3145392	41.179	ng	99
92) Benzo(g,h,i)perylene	27.062	276	3085197	40.957	ng	98

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

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