Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010722\
Data File : BM033671.D
Acq On : 07 Jan 2022 16:20
Operator : CG/JU
Sample : PB141833BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB141833BSD

Quant Time: Jan 08 06:53:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 17:07:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.978	152	195091	20.000	ng		0.00
21) Naphthalene-d8	10.801	136	821412	20.000	ng		0.00
39) Acenaphthene-d10	14.619	164	500359	20.000	ng		0.00
64) Phenanthrene-d10	17.354	188	855423	20.000	ng		0.00
76) Chrysene-d12	21.518	240	658686	20.000	ng		0.00
86) Perylene-d12	23.947	264	738875	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.525	112	1623538	131.249	ng		0.00
7) Phenol-d6	7.143	99	2035055	122.066	ng		0.00
23) Nitrobenzene-d5	9.148	82	1383060	77.760	ng		0.00
42) 2,4,6-Tribromophenol	16.101	330	704016	134.712	ng		0.00
45) 2-Fluorobiphenyl	13.254	172	2978783	77.975	ng		0.00
79) Terphenyl-d14	19.965	244	2991742	81.755	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.361	88	165189	29.794	ng		93
3) Pyridine	3.772	79	413108	28.776	ng		94
4) n-Nitrosodimethylamine	3.672	42	282012	39.319	ng	#	73
6) Aniline	7.296	93	527108	27.911	ng		97
8) 2-Chlorophenol	7.543	128	627113	46.361	ng		89
9) Benzaldehyde	7.107	77	381422	37.363	ng		88
10) Phenol	7.166	94	771179	46.008	ng		93
11) bis(2-Chloroethyl)ether	7.396	93	555264	41.994	ng		94
12) 1,3-Dichlorobenzene	7.872	146	634842	41.991	ng		96
13) 1,4-Dichlorobenzene	8.019	146	651878	42.162	ng		97
14) 1,2-Dichlorobenzene	8.337	146	628549	42.037	ng		98
15) Benzyl Alcohol	8.219	79	608852	44.737	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.513	45	783882	39.312	ng		97
17) 2-Methylphenol	8.425	107	532222	45.998	ng		95
18) Hexachloroethane	9.078	117	247313	42.214	ng		95
19) n-Nitroso-di-n-propyla...	8.795	70	466267	42.806	ng	#	90
20) 3+4-Methylphenols	8.754	107	713331	45.127	ng		96
22) Acetophenone	8.807	105	924913	41.984	ng	#	94
24) Nitrobenzene	9.190	77	710137	41.986	ng		92
25) Isophorone	9.725	82	1214260	42.147	ng		97
26) 2-Nitrophenol	9.901	139	327847	46.005	ng		87
27) 2,4-Dimethylphenol	9.966	122	578937	48.663	ng		97
28) bis(2-Chloroethoxy)met...	10.207	93	762676	40.156	ng		98
29) 2,4-Dichlorophenol	10.442	162	581143	44.616	ng		100
30) 1,2,4-Trichlorobenzene	10.660	180	597452	41.066	ng		99
31) Naphthalene	10.848	128	1880706	41.775	ng		100
32) Benzoic acid	10.113	122	394413	47.115	ng		90
33) 4-Chloroaniline	10.954	127	98977	5.572	ng		93
34) Hexachlorobutadiene	11.148	225	389406	40.978	ng		96
35) Caprolactam	11.742	113	170485	47.191	ng	#	79
36) 4-Chloro-3-methylphenol	12.078	107	660349	43.643	ng		99
37) 2-Methylnaphthalene	12.454	142	1343728	44.171	ng		99
38) 1-Methylnaphthalene	12.678	142	1242811	42.033	ng		99
40) 1,2,4,5-Tetrachloroben...	12.825	216	683562	43.215	ng		99
41) Hexachlorocyclopentadiene	12.813	237	978736	98.361	ng		98
43) 2,4,6-Trichlorophenol	13.060	196	443473	42.977	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.125	196	472247	43.257	ng		98
46) 1,1'-Biphenyl	13.460	154	1724768	42.201	ng		99
47) 2-Chloronaphthalene	13.501	162	1268397	41.330	ng		98
48) 2-Nitroaniline	13.695	65	396784	41.215	ng	#	85
49) Acenaphthylene	14.342	152	2017585	42.126	ng		99
50) Dimethylphthalate	14.077	163	1624311	41.817	ng		99
51) 2,6-Dinitrotoluene	14.189	165	336280	44.703	ng		91
52) Acenaphthene	14.683	154	1429263	45.878	ng		99
53) 3-Nitroaniline	14.513	138	165677	20.637	ng		90
54) 2,4-Dinitrophenol	14.719	184	321753	92.671	ng		88
55) Dibenzofuran	15.019	168	1884993	40.364	ng		95
56) 4-Nitrophenol	14.819	139	509023	80.003	ng		89
57) 2,4-Dinitrotoluene	14.972	165	444956	46.323	ng		86
58) Fluorene	15.660	166	1476540	41.274	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.236	232	386691	41.949	ng		99
60) Diethylphthalate	15.436	149	1650628	41.250	ng		99
61) 4-Chlorophenyl-phenyle...	15.654	204	762027	41.283	ng		94
62) 4-Nitroaniline	15.671	138	294582	37.672	ng		96
63) Azobenzene	15.948	77	1569833	39.682	ng		95
65) 4,6-Dinitro-2-methylph...	15.730	198	196370	41.810	ng		87
66) n-Nitrosodiphenylamine	15.866	169	1280737	44.303	ng		98
67) 4-Bromophenyl-phenylether	16.548	248	445141	47.045	ng		96
68) Hexachlorobenzene	16.666	284	490827	45.549	ng		100
69) Atrazine	16.813	200	425006	42.854	ng		98
70) Pentachlorophenol	17.007	266	582019	88.815	ng		99
71) Phenanthrene	17.395	178	2082609	42.547	ng		99
72) Anthracene	17.489	178	2096214	43.658	ng		99
73) Carbazole	17.754	167	1686099	37.249	ng		99
74) Di-n-butylphthalate	18.324	149	2464541	42.180	ng		100
75) Fluoranthene	19.401	202	1964554	38.230	ng		100
77) Benzidine	19.577	184	939942	47.546	ng		100
78) Pyrene	19.765	202	1975500	42.598	ng		99
80) Butylbenzylphthalate	20.659	149	845529	40.820	ng		93
81) Benzo(a)anthracene	21.500	228	1839212	41.177	ng		99
82) 3,3'-Dichlorobenzidine	21.430	252	455755	28.764	ng		99
83) Chrysene	21.553	228	1823641	42.665	ng		100
84) Bis(2-ethylhexyl)phtha...	21.436	149	1256166	39.812	ng		98
85) Di-n-octyl phthalate	22.371	149	2075236	40.445	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.494	276	2439937	44.780	ng		100
88) Benzo(b)fluoranthene	23.206	252	2113001	44.855	ng		100
89) Benzo(k)fluoranthene	23.253	252	1983447	43.443	ng		99
90) Benzo(a)pyrene	23.842	252	2026624	51.836	ng		98
91) Dibenzo(a,h)anthracene	26.506	278	2082016	46.004	ng		97
92) Benzo(g,h,i)perylene	27.271	276	2039159	45.829	ng		98

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

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