Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011322\
Data File : BM033721.D
Acq On : 13 Jan 2022 18:39
Operator : CG/JU
Sample : PB142002BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB142002BSD

Quant Time: Jan 13 20:51:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 13 07:49:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.966	152	189514	20.000	ng		0.00
21) Naphthalene-d8	10.783	136	799865	20.000	ng	#	0.00
39) Acenaphthene-d10	14.607	164	477816	20.000	ng		0.00
64) Phenanthrene-d10	17.342	188	739866	20.000	ng		0.00
76) Chrysene-d12	21.506	240	648942	20.000	ng		0.00
86) Perylene-d12	23.924	264	730856	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.513	112	1562537	130.035	ng		0.00
7) Phenol-d6	7.131	99	1972639	121.804	ng		0.00
23) Nitrobenzene-d5	9.136	82	1327683	76.658	ng		0.00
42) 2,4,6-Tribromophenol	16.089	330	644882	129.218	ng		0.00
45) 2-Fluorobiphenyl	13.236	172	2893833	79.326	ng		0.00
79) Terphenyl-d14	19.953	244	2470731	68.532	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.349	88	150111	27.872	ng	#	91
3) Pyridine	3.760	79	386711	27.730	ng		94
4) n-Nitrosodimethylamine	3.666	42	254291	36.497	ng	#	68
6) Aniline	7.284	93	543876	29.646	ng		96
8) 2-Chlorophenol	7.531	128	611955	46.572	ng		88
9) Benzaldehyde	7.095	77	354632	35.586	ng		88
10) Phenol	7.154	94	742882	45.624	ng		95
11) bis(2-Chloroethyl)ether	7.384	93	527632	41.078	ng		92
12) 1,3-Dichlorobenzene	7.860	146	615586	41.916	ng		96
13) 1,4-Dichlorobenzene	8.001	146	633758	42.196	ng		97
14) 1,2-Dichlorobenzene	8.325	146	613302	42.225	ng		99
15) Benzyl Alcohol	8.207	79	581622	43.994	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.507	45	690285	35.637	ng		95
17) 2-Methylphenol	8.413	107	515002	45.819	ng		95
18) Hexachloroethane	9.060	117	235830	41.439	ng		94
19) n-Nitroso-di-n-propyla...	8.784	70	435673	41.175	ng	#	89
20) 3+4-Methylphenols	8.742	107	694952	45.258	ng		95
22) Acetophenone	8.795	105	903942	42.138	ng	#	93
24) Nitrobenzene	9.178	77	683545	41.503	ng	#	90
25) Isophorone	9.713	82	1148301	40.931	ng		96
26) 2-Nitrophenol	9.889	139	332547	47.921	ng	#	85
27) 2,4-Dimethylphenol	9.954	122	558809	48.237	ng		96
28) bis(2-Chloroethoxy)met...	10.189	93	710425	38.412	ng		98
29) 2,4-Dichlorophenol	10.431	162	572119	45.106	ng		99
30) 1,2,4-Trichlorobenzene	10.648	180	594381	41.955	ng		98
31) Naphthalene	10.836	128	1834275	41.841	ng		100
32) Benzoic acid	10.113	122	410536	50.362	ng		89
33) 4-Chloroaniline	10.936	127	134790	7.792	ng		93
34) Hexachlorobutadiene	11.130	225	378679	40.923	ng		96
35) Caprolactam	11.736	113	174590	49.629	ng	#	75
36) 4-Chloro-3-methylphenol	12.066	107	646104	43.852	ng		99
37) 2-Methylnaphthalene	12.442	142	1307956	44.153	ng		99
38) 1-Methylnaphthalene	12.660	142	1203481	41.799	ng		99
40) 1,2,4,5-Tetrachloroben...	12.813	216	673579	44.593	ng		100
41) Hexachlorocyclopentadiene	12.795	237	805762	84.798	ng		97
43) 2,4,6-Trichlorophenol	13.048	196	440664	44.720	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.119	196	466295	44.727	ng		96
46) 1,1'-Biphenyl	13.448	154	1668698	42.755	ng		97
47) 2-Chloronaphthalene	13.489	162	1238627	42.264	ng		98
48) 2-Nitroaniline	13.683	65	383570	41.722	ng	#	83
49) Acenaphthylene	14.330	152	1945722	42.543	ng		99
50) Dimethylphthalate	14.066	163	1545474	41.665	ng		99
51) 2,6-Dinitrotoluene	14.177	165	322376	44.876	ng		89
52) Acenaphthene	14.671	154	1191708	40.057	ng		98
53) 3-Nitroaniline	14.501	138	190874	24.897	ng		89
54) 2,4-Dinitrophenol	14.707	184	281207	84.814	ng		87
55) Dibenzofuran	15.001	168	1816123	40.724	ng		97
56) 4-Nitrophenol	14.807	139	460218	75.745	ng	#	87
57) 2,4-Dinitrotoluene	14.960	165	415812	45.331	ng		85
58) Fluorene	15.648	166	1397151	40.898	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.224	232	361673	41.086	ng		100
60) Diethylphthalate	15.424	149	1560976	40.850	ng		100
61) 4-Chlorophenyl-phenyle...	15.642	204	731139	41.478	ng		97
62) 4-Nitroaniline	15.660	138	263360	35.268	ng		92
63) Azobenzene	15.936	77	1419045	37.563	ng		93
65) 4,6-Dinitro-2-methylph...	15.718	198	169913	41.827	ng		86
66) n-Nitrosodiphenylamine	15.854	169	1194597	47.777	ng		98
67) 4-Bromophenyl-phenylether	16.536	248	419168	51.219	ng		98
68) Hexachlorobenzene	16.654	284	451471	48.440	ng		95
69) Atrazine	16.801	200	381122	44.432	ng		99
70) Pentachlorophenol	16.989	266	505306	89.152	ng		98
71) Phenanthrene	17.383	178	1788364	42.242	ng		99
72) Anthracene	17.471	178	1816013	43.730	ng		99
73) Carbazole	17.742	167	1407466	35.950	ng		100
74) Di-n-butylphthalate	18.306	149	2171743	42.974	ng		100
75) Fluoranthene	19.389	202	1627787	36.624	ng		99
77) Benzidine	19.565	184	769829	39.526	ng		100
78) Pyrene	19.753	202	1661094	36.356	ng		99
80) Butylbenzylphthalate	20.642	149	690372	33.830	ng		94
81) Benzo(a)anthracene	21.489	228	1827900	41.539	ng		99
82) 3,3'-Dichlorobenzidine	21.418	252	580493	37.186	ng		99
83) Chrysene	21.542	228	1798997	42.720	ng		100
84) Bis(2-ethylhexyl)phtha...	21.418	149	960125	30.886	ng		99
85) Di-n-octyl phthalate	22.347	149	1790413	35.418	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.459	276	2390150	44.348	ng		100
88) Benzo(b)fluoranthene	23.189	252	2138232	45.888	ng		99
89) Benzo(k)fluoranthene	23.236	252	1958112	43.359	ng		98
90) Benzo(a)pyrene	23.818	252	2013222	52.058	ng		100
91) Dibenzo(a,h)anthracene	26.477	278	2066071	46.153	ng		98
92) Benzo(g,h,i)perylene	27.235	276	2010562	45.682	ng		99

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

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