Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033727.D
Acq On : 14 Jan 2022 14:35
Operator : CG/JU
Sample : PB142032BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB142032BS

Quant Time: Jan 17 00:23:45 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	175315	20.000	ng		0.00
21) Naphthalene-d8	10.783	136	735660	20.000	ng		0.00
39) Acenaphthene-d10	14.601	164	453403	20.000	ng		0.00
64) Phenanthrene-d10	17.336	188	721850	20.000	ng		0.00
76) Chrysene-d12	21.500	240	636203	20.000	ng		0.00
86) Perylene-d12	23.918	264	698479	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.513	112	1280438	115.189	ng		0.00
7) Phenol-d6	7.125	99	1646912	109.928	ng		0.00
23) Nitrobenzene-d5	9.131	82	1090402	68.452	ng		0.00
42) 2,4,6-Tribromophenol	16.083	330	552390	116.645	ng		0.00
45) 2-Fluorobiphenyl	13.236	172	2401368	69.370	ng		0.00
79) Terphenyl-d14	19.948	244	2166152	61.286	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.349	88	130131	26.119	ng	#	92
3) Pyridine	3.760	79	300769	23.314	ng		92
4) n-Nitrosodimethylamine	3.666	42	220563	34.221	ng	#	71
6) Aniline	7.284	93	533079	31.411	ng		95
8) 2-Chlorophenol	7.525	128	515553	42.413	ng		89
9) Benzaldehyde	7.090	77	51682	2.171	ng		91
10) Phenol	7.154	94	639105	42.430	ng		93
11) bis(2-Chloroethyl)ether	7.384	93	454011	38.210	ng		91
12) 1,3-Dichlorobenzene	7.854	146	525310	38.666	ng		95
13) 1,4-Dichlorobenzene	8.001	146	543019	39.083	ng		97
14) 1,2-Dichlorobenzene	8.319	146	519313	38.649	ng		99
15) Benzyl Alcohol	8.207	79	482808	39.477	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.501	45	591360	33.002	ng		94
17) 2-Methylphenol	8.413	107	438820	42.203	ng		95
18) Hexachloroethane	9.060	117	202972	38.554	ng		93
19) n-Nitroso-di-n-propyla...	8.784	70	372225	38.027	ng		90
20) 3+4-Methylphenols	8.742	107	593127	41.755	ng		94
22) Acetophenone	8.795	105	769763	39.015	ng	#	92
24) Nitrobenzene	9.172	77	576272	38.043	ng		92
25) Isophorone	9.707	82	982052	38.060	ng		97
26) 2-Nitrophenol	9.889	139	275321	43.138	ng	#	87
27) 2,4-Dimethylphenol	9.954	122	486337	45.645	ng		96
28) bis(2-Chloroethoxy)met...	10.189	93	604204	35.520	ng		97
29) 2,4-Dichlorophenol	10.425	162	488170	41.847	ng		99
30) 1,2,4-Trichlorobenzene	10.648	180	502029	38.529	ng		99
31) Naphthalene	10.831	128	1572940	39.011	ng		99
32) Benzoic acid	10.101	122	348709	46.511	ng	#	87
33) 4-Chloroaniline	10.936	127	208320	13.094	ng		93
34) Hexachlorobutadiene	11.130	225	322545	37.899	ng		97
35) Caprolactam	11.725	113	144562	44.680	ng	#	77
36) 4-Chloro-3-methylphenol	12.060	107	559039	41.255	ng		99
37) 2-Methylnaphthalene	12.442	142	1121733	41.171	ng		99
38) 1-Methylnaphthalene	12.660	142	1041811	39.342	ng		100
40) 1,2,4,5-Tetrachloroben...	12.807	216	572228	39.923	ng		100
41) Hexachlorocyclopentadiene	12.795	237	678848	75.289	ng		98
43) 2,4,6-Trichlorophenol	13.042	196	371715	39.754	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.113	196	404119	40.850	ng		96
46) 1,1'-Biphenyl	13.442	154	1427490	38.544	ng		98
47) 2-Chloronaphthalene	13.483	162	1067608	38.390	ng		98
48) 2-Nitroaniline	13.677	65	334706	38.368	ng	#	86
49) Acenaphthylene	14.324	152	1700424	39.181	ng		98
50) Dimethylphthalate	14.060	163	1329082	37.760	ng		99
51) 2,6-Dinitrotoluene	14.171	165	280199	41.105	ng		91
52) Acenaphthene	14.666	154	1048465	37.140	ng		99
53) 3-Nitroaniline	14.495	138	206774	28.423	ng		89
54) 2,4-Dinitrophenol	14.701	184	259192	82.384	ng		90
55) Dibenzofuran	15.001	168	1572388	37.157	ng		96
56) 4-Nitrophenol	14.807	139	403088	69.914	ng	#	87
57) 2,4-Dinitrotoluene	14.954	165	363968	41.815	ng		86
58) Fluorene	15.648	166	1230787	37.968	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.224	232	318686	38.152	ng		99
60) Diethylphthalate	15.418	149	1358512	37.466	ng		99
61) 4-Chlorophenyl-phenyle...	15.642	204	632250	37.799	ng		95
62) 4-Nitroaniline	15.660	138	239226	33.761	ng		89
63) Azobenzene	15.930	77	1248332	34.823	ng		94
65) 4,6-Dinitro-2-methylph...	15.718	198	158054	39.879	ng		81
66) n-Nitrosodiphenylamine	15.854	169	1050865	43.078	ng		98
67) 4-Bromophenyl-phenylether	16.530	248	366520	45.903	ng		95
68) Hexachlorobenzene	16.654	284	400064	43.996	ng		95
69) Atrazine	16.801	200	335510	40.090	ng		99
70) Pentachlorophenol	16.989	266	455008	82.281	ng		98
71) Phenanthrene	17.383	178	1611768	39.021	ng		100
72) Anthracene	17.471	178	1614521	39.848	ng		98
73) Carbazole	17.736	167	1272774	33.321	ng		100
74) Di-n-butylphthalate	18.306	149	1934884	39.243	ng		99
75) Fluoranthene	19.389	202	1468234	33.859	ng		99
77) Benzidine	19.565	184	612403	32.073	ng		100
78) Pyrene	19.748	202	1511516	33.745	ng		99
80) Butylbenzylphthalate	20.642	149	639984	31.989	ng		92
81) Benzo(a)anthracene	21.489	228	1631989	37.829	ng		99
82) 3,3'-Dichlorobenzidine	21.418	252	544757	35.596	ng		100
83) Chrysene	21.542	228	1621172	39.268	ng		100
84) Bis(2-ethylhexyl)phtha...	21.418	149	890212	29.211	ng		99
85) Di-n-octyl phthalate	22.347	149	1640707	33.106	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.453	276	2119821	41.155	ng		100
88) Benzo(b)fluoranthene	23.183	252	1864386	41.866	ng		99
89) Benzo(k)fluoranthene	23.236	252	1817232	42.105	ng		98
90) Benzo(a)pyrene	23.818	252	1809584	48.961	ng		100
91) Dibenzo(a,h)anthracene	26.471	278	1840567	43.021	ng		97
92) Benzo(g,h,i)perylene	27.229	276	1792607	42.618	ng		98

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

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