Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102622\
Data File : BM037240.D
Acq On : 26 Oct 2022 15:59
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Oct 26 16:40:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 16:28:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.887	152	278887	20.000	ng		0.00
21) Naphthalene-d8	10.692	136	1084723	20.000	ng		0.00
39) Acenaphthene-d10	14.527	164	674659	20.000	ng		0.00
64) Phenanthrene-d10	17.262	188	1388276	20.000	ng		0.00
76) Chrysene-d12	21.445	240	1429621	20.000	ng		0.00
86) Perylene-d12	23.809	264	1227770	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	2067755	131.583	ng		0.00
7) Phenol-d6	7.069	99	3033818	137.442	ng		0.01
23) Nitrobenzene-d5	9.069	82	3112237	153.464	ng		0.01
42) 2,4,6-Tribromophenol	16.015	330	1472025	278.196	ng		0.00
45) 2-Fluorobiphenyl	13.157	172	7406043	169.264	ng		0.00
79) Terphenyl-d14	19.886	244	10468124	145.890	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	385348	56.911	ng		99
3) Pyridine	3.746	79	1245953m	59.615	ng		
4) n-Nitrosodimethylamine	3.657	42	501430	55.275	ng		97
6) Aniline	7.228	93	1892089	67.510	ng		100
8) 2-Chlorophenol	7.457	128	1429463	76.234	ng		98
9) Benzaldehyde	7.034	77	690975	48.873	ng		99
10) Phenol	7.093	94	1704586	67.422	ng		99
11) bis(2-Chloroethyl)ether	7.322	93	1329498	64.378	ng		99
12) 1,3-Dichlorobenzene	7.775	146	1549320	75.417	ng		99
13) 1,4-Dichlorobenzene	7.922	146	1596289	75.820	ng		100
14) 1,2-Dichlorobenzene	8.245	146	1547856	76.752	ng		99
15) Benzyl Alcohol	8.145	79	1186908	69.013	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.428	45	1655450	54.884	ng		99
17) 2-Methylphenol	8.339	107	1172022	70.999	ng		99
18) Hexachloroethane	8.963	117	562552	72.430	ng		99
19) n-Nitroso-di-n-propyla...	8.716	70	1053649	62.841	ng		96
20) 3+4-Methylphenols	8.681	107	1629180	71.793	ng		99
22) Acetophenone	8.728	105	2070018	76.029	ng	#	98
24) Nitrobenzene	9.110	77	1570321	73.219	ng		96
25) Isophorone	9.639	82	2755677	73.501	ng		99
26) 2-Nitrophenol	9.816	139	807490	112.397	ng		97
27) 2,4-Dimethylphenol	9.875	122	1138383	82.058	ng		99
28) bis(2-Chloroethoxy)met...	10.116	93	1604891	70.766	ng		99
29) 2,4-Dichlorophenol	10.345	162	1430068	97.628	ng		98
30) 1,2,4-Trichlorobenzene	10.557	180	1532857	97.185	ng		99
31) Naphthalene	10.745	128	4650191	79.352	ng		100
32) Benzoic acid	10.086	122	1041113	98.323	ng		98
33) 4-Chloroaniline	10.869	127	1893230	80.369	ng		99
34) Hexachlorobutadiene	11.022	225	964896	111.860	ng		98
35) Caprolactam	11.710	113	432188m	85.499	ng		
36) 4-Chloro-3-methylphenol	11.992	107	1363498	79.178	ng		100
37) 2-Methylnaphthalene	12.351	142	3266123	82.971	ng		100
38) 1-Methylnaphthalene	12.575	142	3194065	82.906	ng		100
40) 1,2,4,5-Tetrachloroben...	12.722	216	1718262	103.747	ng		100
41) Hexachlorocyclopentadiene	12.692	237	900676	111.021	ng		97
43) 2,4,6-Trichlorophenol	12.963	196	1176730	103.634	ng		99

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44) 2,4,5-Trichlorophenol	13.039	196	1307168	103.425	ng		99
46) 1,1'-Biphenyl	13.363	154	3968736	79.792	ng		100
47) 2-Chloronaphthalene	13.410	162	3196028	83.675	ng		100
48) 2-Nitroaniline	13.621	65	896048	73.698	ng		95
49) Acenaphthylene	14.251	152	5041985	81.512	ng		99
50) Dimethylphthalate	13.998	163	4034634	84.803	ng		99
51) 2,6-Dinitrotoluene	14.121	165	889865	93.609	ng		90
52) Acenaphthene	14.592	154	3059721	79.599	ng		100
53) 3-Nitroaniline	14.451	138	981254	85.980	ng		97
54) 2,4-Dinitrophenol	14.657	184	575652	120.664	ng		91
55) Dibenzofuran	14.927	168	4872908	83.730	ng		98
56) 4-Nitrophenol	14.757	139	786431	86.197	ng		95
57) 2,4-Dinitrotoluene	14.904	165	1228072	99.408	ng		97
58) Fluorene	15.574	166	3908108	81.964	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	1137616	108.832	ng		98
60) Diethylphthalate	15.351	149	3925037	79.543	ng		99
61) 4-Chlorophenyl-phenyle...	15.563	204	1962277	94.172	ng		99
62) 4-Nitroaniline	15.615	138	1019584	87.122	ng		98
63) Azobenzene	15.863	77	3406528	62.074	ng		96
65) 4,6-Dinitro-2-methylph...	15.668	198	773826	112.104	ng		92
66) n-Nitrosodiphenylamine	15.786	169	3342047	77.918	ng		98
67) 4-Bromophenyl-phenylether	16.457	248	1265160	98.825	ng		99
68) Hexachlorobenzene	16.568	284	1515142	106.877	ng		96
69) Atrazine	16.739	200	889146	75.249	ng		99
70) Pentachlorophenol	16.915	266	949696	109.153	ng		99
71) Phenanthrene	17.309	178	6202931	79.807	ng		99
72) Anthracene	17.404	178	6075913	81.982	ng		99
73) Carbazole	17.674	167	5588128	80.782	ng		99
74) Di-n-butylphthalate	18.233	149	6771973	78.176	ng		100
75) Fluoranthene	19.321	202	7431805	92.934	ng		99
77) Benzidine	19.509	184	1194777	39.833	ng		100
78) Pyrene	19.686	202	7686093	71.393	ng		99
80) Butylbenzylphthalate	20.580	149	3072852	69.239	ng		91
81) Benzo(a)anthracene	21.427	228	7498987	80.759	ng		98
82) 3,3'-Dichlorobenzidine	21.362	252	2180362	86.501	ng		100
83) Chrysene	21.480	228	7068622	79.034	ng		98
84) Bis(2-ethylhexyl)phtha...	21.350	149	4362696	66.966	ng	#	96
85) Di-n-octyl phthalate	22.262	149	7136923	68.028	ng		97
87) Indeno(1,2,3-cd)pyrene	26.279	276	6611779	81.545	ng		100
88) Benzo(b)fluoranthene	23.091	252	6621051	85.098	ng		100
89) Benzo(k)fluoranthene	23.144	252	6614002	82.621	ng		99
90) Benzo(a)pyrene	23.709	252	5343660	85.399	ng		100
91) Dibenzo(a,h)anthracene	26.291	278	5572398	82.499	ng		99
92) Benzo(g,h,i)perylene	27.032	276	5191090	79.158	ng		100

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

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