Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111422\
Data File : BM037503.D
Acq On : 14 Nov 2022 15:35
Operator : CG/JU
Sample : PB148855BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB148855BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

Quant Time: Nov 15 00:02:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 14 01:42:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.792	152	256249	20.000	ng		0.00
21) Naphthalene-d8	10.592	136	1116889	20.000	ng		-0.01
39) Acenaphthene-d10	14.439	164	681124	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	1320037	20.000	ng		0.00
76) Chrysene-d12	21.380	240	1379545	20.000	ng		0.00
86) Perylene-d12	23.715	264	1271244	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1424804	105.002	ng		0.00
7) Phenol-d6	6.975	99	1884942	96.549	ng		0.00
23) Nitrobenzene-d5	8.969	82	1168559	54.371	ng		0.00
42) 2,4,6-Tribromophenol	15.939	330	1470675	156.156	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	3433541	70.059	ng		0.00
79) Terphenyl-d14	19.821	244	7567624	109.556	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	148213	26.429	ng		99
3) Pyridine	3.651	79	393717	22.781	ng		99
4) n-Nitrosodimethylamine	3.569	42	220967	27.985	ng	#	98
6) Aniline	7.128	93	651150	26.360	ng		99
8) 2-Chlorophenol	7.357	128	551872	30.158	ng		99
9) Benzaldehyde	6.939	77	111063	10.353	ng		99
10) Phenol	7.004	94	686575	30.875	ng		100
11) bis(2-Chloroethyl)ether	7.228	93	508751	28.259	ng		100
12) 1,3-Dichlorobenzene	7.681	146	550716	28.072	ng		99
13) 1,4-Dichlorobenzene	7.828	146	567556	27.992	ng		99
14) 1,2-Dichlorobenzene	8.139	146	559947	28.063	ng		98
15) Benzyl Alcohol	8.051	79	478036	31.706	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.333	45	734598	28.031	ng		99
17) 2-Methylphenol	8.251	107	464724	29.445	ng		99
18) Hexachloroethane	8.863	117	219091	28.845	ng		99
19) n-Nitroso-di-n-propyla...	8.610	70	432133	28.031	ng		98
20) 3+4-Methylphenols	8.581	107	666263	30.075	ng		99
22) Acetophenone	8.628	105	822428	28.473	ng	#	99
24) Nitrobenzene	9.010	77	612243	27.616	ng		100
25) Isophorone	9.533	82	1294497	32.647	ng		99
26) 2-Nitrophenol	9.716	139	293441	28.377	ng		97
27) 2,4-Dimethylphenol	9.780	122	588176	39.595	ng		98
28) bis(2-Chloroethoxy)met...	10.022	93	721522	31.552	ng		100
29) 2,4-Dichlorophenol	10.251	162	593972	33.261	ng		100
30) 1,2,4-Trichlorobenzene	10.457	180	522025	26.905	ng		99
31) Naphthalene	10.645	128	1674622	26.465	ng		99
32) Benzoic acid	9.963	122	554444	38.780	ng		99
33) 4-Chloroaniline	10.775	127	586752	22.957	ng		100
34) Hexachlorobutadiene	10.916	225	301099	26.639	ng		98
35) Caprolactam	11.592	113	270319m	43.186	ng		
36) 4-Chloro-3-methylphenol	11.904	107	810908	41.820	ng		100
37) 2-Methylnaphthalene	12.257	142	1320546	29.654	ng		98
38) 1-Methylnaphthalene	12.480	142	1291377	29.174	ng		99
40) 1,2,4,5-Tetrachloroben...	12.627	216	687448	34.736	ng		99
41) Hexachlorocyclopentadiene	12.598	237	731783	73.775	ng		99
43) 2,4,6-Trichlorophenol	12.874	196	614315	42.810	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	712633	44.852	ng	100
46) 1,1'-Biphenyl	13.274	154	1996895	37.860	ng	99
47) 2-Chloronaphthalene	13.316	162	1532011	36.117	ng	99
48) 2-Nitroaniline	13.539	65	584321	44.728	ng	99
49) Acenaphthylene	14.163	152	2759151	40.611	ng	100
50) Dimethylphthalate	13.915	163	2381730	43.688	ng	99
51) 2,6-Dinitrotoluene	14.039	165	530609	45.297	ng	99
52) Acenaphthene	14.510	154	1665359	40.157	ng	100
53) 3-Nitroaniline	14.368	138	417559	31.165	ng	99
54) 2,4-Dinitrophenol	14.580	184	707250	86.943	ng	97
55) Dibenzofuran	14.845	168	2753181	41.516	ng	99
56) 4-Nitrophenol	14.692	139	1004302	86.962	ng	99
57) 2,4-Dinitrotoluene	14.827	165	759657	46.845	ng	99
58) Fluorene	15.492	166	2404913	42.764	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.074	232	644811	44.488	ng	99
60) Diethylphthalate	15.274	149	2440504	43.903	ng	99
61) 4-Chlorophenyl-phenyle...	15.486	204	1162158	44.225	ng	99
62) 4-Nitroaniline	15.539	138	521052	39.639	ng	98
63) Azobenzene	15.780	77	2277149	43.774	ng	100
65) 4,6-Dinitro-2-methylph...	15.592	198	414257	46.544	ng	98
66) n-Nitrosodiphenylamine	15.709	169	2068120	48.836	ng	99
67) 4-Bromophenyl-phenylether	16.380	248	714173	48.338	ng	97
68) Hexachlorobenzene	16.492	284	886167	48.072	ng	97
69) Atrazine	16.668	200	622292	52.804	ng	99
70) Pentachlorophenol	16.845	266	1188588	109.519	ng	99
71) Phenanthrene	17.233	178	3749797	46.275	ng	100
72) Anthracene	17.321	178	3787319	48.740	ng	100
73) Carbazole	17.603	167	3520599	48.458	ng	100
74) Di-n-butylphthalate	18.162	149	4253774	43.992	ng	100
75) Fluoranthene	19.250	202	4361423	45.155	ng	99
77) Benzidine	19.450	184	1776222	76.582	ng	99
78) Pyrene	19.615	202	4611746	50.974	ng	100
80) Butylbenzylphthalate	20.515	149	1963505	50.483	ng	100
81) Benzo(a)anthracene	21.362	228	4568425	47.242	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1392368	44.314	ng	100
83) Chrysene	21.415	228	4279626	45.839	ng	100
84) Bis(2-ethylhexyl)phtha...	21.291	149	2957700	51.616	ng	100
85) Di-n-octyl phthalate	22.197	149	4770532	48.512	ng	100
87) Indeno(1,2,3-cd)pyrene	26.132	276	4586649	43.685	ng	100
88) Benzo(b)fluoranthene	23.003	252	4481146	52.571	ng	99
89) Benzo(k)fluoranthene	23.050	252	4516784	52.245	ng	99
90) Benzo(a)pyrene	23.615	252	3783343	53.265	ng	100
91) Dibenzo(a,h)anthracene	26.144	278	3954496	45.470	ng	100
92) Benzo(g,h,i)perylene	26.873	276	3660180	43.495	ng	100

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

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