Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102723\
Data File : BM042480.D
Acq On : 27 Oct 2023 19:47
Operator : MA/JU
Sample : PB156500BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 28 00:28:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 28 00:26:13 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB156500BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.986	152	162339	20.000	ng		0.00
21) Naphthalene-d8	10.810	136	657926	20.000	ng		0.00
39) Acenaphthene-d10	14.633	164	346589	20.000	ng		0.00
64) Phenanthrene-d10	17.380	188	624313	20.000	ng		0.00
76) Chrysene-d12	21.562	240	405171	20.000	ng		0.00
86) Perylene-d12	24.021	264	392969	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	1483694	129.170	ng		0.00
7) Phenol-d6	7.169	99	1861144	120.907	ng		0.00
23) Nitrobenzene-d5	9.192	82	1231482	82.769	ng		0.00
42) 2,4,6-Tribromophenol	16.127	330	583009	150.730	ng		0.00
45) 2-Fluorobiphenyl	13.257	172	2385984	92.703	ng		0.00
79) Terphenyl-d14	19.992	244	2822730	123.555	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	159958	29.574	ng		96
3) Pyridine	3.857	79	419139	26.413	ng		96
4) n-Nitrosodimethylamine	3.746	42	258739	32.294	ng		93
6) Aniline	7.339	93	588733	30.040	ng		97
8) 2-Chlorophenol	7.551	128	527565	46.287	ng		94
9) Benzaldehyde	7.157	77	83472	9.310	ng		99
10) Phenol	7.192	94	651670	40.971	ng		99
11) bis(2-Chloroethyl)ether	7.434	93	542742	41.561	ng		97
12) 1,3-Dichlorobenzene	7.863	146	551011	46.740	ng		98
13) 1,4-Dichlorobenzene	8.022	146	563870	47.516	ng		98
14) 1,2-Dichlorobenzene	8.333	146	546709	47.979	ng		98
15) Benzyl Alcohol	8.263	79	464917	40.743	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.522	45	837273m	40.520	ng		
17) 2-Methylphenol	8.445	107	430011	40.969	ng		99
18) Hexachloroethane	9.045	117	222404	48.683	ng		95
19) n-Nitroso-di-n-propyla...	8.828	70	429286	41.147	ng		95
20) 3+4-Methylphenols	8.781	107	555762	39.477	ng		98
22) Acetophenone	8.851	105	775028	43.179	ng	#	97
24) Nitrobenzene	9.233	77	614021	41.250	ng		97
25) Isophorone	9.775	82	1099141	43.470	ng		97
26) 2-Nitrophenol	9.933	139	265247	46.395	ng		94
27) 2,4-Dimethylphenol	9.980	122	425825m	41.518	ng		
28) bis(2-Chloroethoxy)met...	10.233	93	694467	43.351	ng		99
29) 2,4-Dichlorophenol	10.463	162	450925	50.557	ng		96
30) 1,2,4-Trichlorobenzene	10.657	180	494045	51.669	ng		99
31) Naphthalene	10.863	128	1568341	46.409	ng		100
32) Benzoic acid	10.169	122	320045	43.256	ng		98
33) 4-Chloroaniline	11.004	127	388416	26.473	ng		99
34) Hexachlorobutadiene	11.080	225	294013	56.824	ng		98
35) Caprolactam	11.933	113	129647	38.024	ng	#	85
36) 4-Chloro-3-methylphenol	12.110	107	475393	44.168	ng		98
37) 2-Methylnaphthalene	12.463	142	1017369	44.722	ng		98
38) 1-Methylnaphthalene	12.680	142	980733	46.019	ng		99
40) 1,2,4,5-Tetrachloroben...	12.810	216	516577	51.556	ng		98
41) Hexachlorocyclopentadiene	12.751	237	503222	91.905	ng		98
43) 2,4,6-Trichlorophenol	13.068	196	337038	51.962	ng		100

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44) 2,4,5-Trichlorophenol	13.145	196	359148	46.840	ng		94
46) 1,1'-Biphenyl	13.468	154	1286534	46.791	ng		98
47) 2-Chloronaphthalene	13.515	162	981087	48.636	ng		100
48) 2-Nitroaniline	13.763	65	309616	35.746	ng		88
49) Acenaphthylene	14.363	152	1576246	48.402	ng		100
50) Dimethylphthalate	14.110	163	1137211	44.733	ng		99
51) 2,6-Dinitrotoluene	14.251	165	244676	42.948	ng		84
52) Acenaphthene	14.698	154	902481	45.838	ng		99
53) 3-Nitroaniline	14.592	138	184000	28.459	ng		97
54) 2,4-Dinitrophenol	14.792	184	300941	84.164	ng		90
55) Dibenzofuran	15.033	168	1404819	45.112	ng		98
56) 4-Nitrophenol	14.892	139	373757	72.186	ng		94
57) 2,4-Dinitrotoluene	15.027	165	305050	40.434	ng		96
58) Fluorene	15.680	166	1116833	45.449	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.251	232	298867	51.886	ng		91
60) Diethylphthalate	15.451	149	1109985	44.244	ng		98
61) 4-Chlorophenyl-phenyle...	15.668	204	564581	48.786	ng		95
62) 4-Nitroaniline	15.757	138	162656	26.733	ng		94
63) Azobenzene	15.962	77	1227323	40.776	ng		96
65) 4,6-Dinitro-2-methylph...	15.774	198	172504	43.859	ng		87
66) n-Nitrosodiphenylamine	15.898	169	931630	49.544	ng		98
67) 4-Bromophenyl-phenylether	16.562	248	327479	56.596	ng		98
68) Hexachlorobenzene	16.645	284	374156	60.494	ng		94
69) Atrazine	16.856	200	303574	63.661	ng		100
70) Pentachlorophenol	17.015	266	490449	93.866	ng		98
71) Phenanthrene	17.427	178	1609766	47.398	ng		100
72) Anthracene	17.515	178	1587968	47.210	ng		99
73) Carbazole	17.809	167	1343058	42.563	ng		99
74) Di-n-butylphthalate	18.327	149	1842193	46.215	ng		99
75) Fluoranthene	19.439	202	1718996	45.957	ng		98
77) Benzidine	19.656	184	332317	56.705	ng		99
78) Pyrene	19.803	202	1759923	62.159	ng		100
80) Butylbenzylphthalate	20.680	149	720448	55.583	ng		95
81) Benzo(a)anthracene	21.544	228	1310249	48.239	ng		100
82) 3,3'-Dichlorobenzidine	21.491	252	426816	52.639	ng		99
83) Chrysene	21.597	228	1236392	47.393	ng		100
84) Bis(2-ethylhexyl)phtha...	21.427	149	1015469	55.119	ng	#	97
85) Di-n-octyl phthalate	22.368	149	1584299	50.172	ng		95
87) Indeno(1,2,3-cd)pyrene	26.597	276	1320822	45.993	ng	#	93
88) Benzo(b)fluoranthene	23.262	252	1135453	48.003	ng		98
89) Benzo(k)fluoranthene	23.309	252	1152284	46.921	ng		98
90) Benzo(a)pyrene	23.909	252	981823	43.125	ng		99
91) Dibenzo(a,h)anthracene	26.615	278	1058428	44.329	ng		98
92) Benzo(g,h,i)perylene	27.403	276	1144688	49.365	ng		95

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

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