Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081723\
Data File : BM041430.D
Acq On : 17 Aug 2023 10:30
Operator : MA/JU
Sample : PB154837BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 17 12:48:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 17 02:13:45 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB154837BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	163012	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	644061	20.000	ng	0.00
39) Acenaphthene-d10	14.427	164	395705	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	842751	20.000	ng	0.00
76) Chrysene-d12	21.397	240	680480	20.000	ng	0.00
86) Perylene-d12	23.750	264	596144	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	944281	96.366	ng	0.00
7) Phenol-d6	6.951	99	1218215	91.556	ng	0.00
23) Nitrobenzene-d5	8.945	82	1188138	88.061	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	533841	85.012	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	2633325	89.175	ng	0.00
79) Terphenyl-d14	19.827	244	4006065	102.446	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	149885	36.003	ng	98
3) Pyridine	3.646	79	369147	33.562	ng	98
4) n-Nitrosodimethylamine	3.569	42	222453	43.864	ng	98
6) Aniline	7.104	93	565687	35.752	ng	99
8) 2-Chlorophenol	7.328	128	505880	49.969	ng	99
9) Benzaldehyde	6.916	77	228676	31.128	ng	99
10) Phenol	6.981	94	641051	49.866	ng	98
11) bis(2-Chloroethyl)ether	7.204	93	477699	46.450	ng	99
12) 1,3-Dichlorobenzene	7.645	146	536646	47.693	ng	99
13) 1,4-Dichlorobenzene	7.798	146	553129	48.621	ng	99
14) 1,2-Dichlorobenzene	8.116	146	527628	48.050	ng	99
15) Benzyl Alcohol	8.028	79	459240m	48.617	ng	
16) 2,2'-oxybis(1-Chloropr...	8.304	45	562177m	45.560	ng	
17) 2-Methylphenol	8.228	107	419850	45.686	ng	99
18) Hexachloroethane	8.828	117	208195	48.193	ng	99
19) n-Nitroso-di-n-propyla...	8.586	70	396047	43.387	ng	99
20) 3+4-Methylphenols	8.557	107	572515	45.360	ng	99
22) Acetophenone	8.604	105	754471	45.457	ng	99
24) Nitrobenzene	8.986	77	604525	44.872	ng	99
25) Isophorone	9.510	82	1051574	42.581	ng	100
26) 2-Nitrophenol	9.692	139	276472	47.000	ng	98
27) 2,4-Dimethylphenol	9.757	122	424566	44.825	ng	98
28) bis(2-Chloroethoxy)met...	9.992	93	620646	43.177	ng	99
29) 2,4-Dichlorophenol	10.228	162	492395	47.453	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	537638	46.664	ng	99
31) Naphthalene	10.616	128	1486239	44.383	ng	100
32) Benzoic acid	9.957	122	335314	44.078	ng	99
33) 4-Chloroaniline	10.757	127	233022	16.483	ng	98
34) Hexachlorobutadiene	10.880	225	344941	45.271	ng	97
35) Caprolactam	11.575	113	137587m	42.772	ng	
36) 4-Chloro-3-methylphenol	11.886	107	496325	44.944	ng	100
37) 2-Methylnaphthalene	12.239	142	1024915	42.063	ng	99
38) 1-Methylnaphthalene	12.457	142	981159	42.622	ng	99
40) 1,2,4,5-Tetrachloroben...	12.610	216	606209	46.956	ng	98
41) Hexachlorocyclopentadiene	12.569	237	736597	102.871	ng	99
43) 2,4,6-Trichlorophenol	12.863	196	411435	47.619	ng	99

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44) 2,4,5-Trichlorophenol	12.933	196	443130	44.303	ng		97
46) 1,1'-Biphenyl	13.257	154	1369497	45.859	ng		99
47) 2-Chloronaphthalene	13.304	162	1076859	46.916	ng		99
48) 2-Nitroaniline	13.533	65	331533	44.206	ng		94
49) Acenaphthylene	14.151	152	1714013	46.083	ng		99
50) Dimethylphthalate	13.904	163	1333743	43.164	ng		100
51) 2,6-Dinitrotoluene	14.033	165	296048	44.707	ng		99
52) Acenaphthene	14.492	154	987533	44.393	ng		99
53) 3-Nitroaniline	14.368	138	208310	31.543	ng		96
54) 2,4-Dinitrophenol	14.586	184	400813	96.769	ng		93
55) Dibenzofuran	14.833	168	1646987	44.152	ng		99
56) 4-Nitrophenol	14.692	139	481536	96.832	ng		95
57) 2,4-Dinitrotoluene	14.827	165	409376	45.235	ng		94
58) Fluorene	15.486	166	1319290	44.130	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.063	232	394448	46.402	ng		99
60) Diethylphthalate	15.268	149	1307583	42.355	ng		99
61) 4-Chlorophenyl-phenyle...	15.480	204	702310	43.575	ng		98
62) 4-Nitroaniline	15.539	138	260973	43.318	ng		98
63) Azobenzene	15.774	77	1339055	43.050	ng		98
65) 4,6-Dinitro-2-methylph...	15.592	198	251968	46.706	ng		99
66) n-Nitrosodiphenylamine	15.704	169	1125559	45.371	ng		98
67) 4-Bromophenyl-phenylether	16.374	248	431306	44.660	ng		98
68) Hexachlorobenzene	16.486	284	508878	48.284	ng		99
69) Atrazine	16.668	200	422790	60.056	ng		98
70) Pentachlorophenol	16.845	266	593538	80.424	ng		99
71) Phenanthrene	17.233	178	2022156	45.456	ng		100
72) Anthracene	17.321	178	2062585	45.723	ng		99
73) Carbazole	17.604	167	1830355	45.602	ng		100
74) Di-n-butylphthalate	18.162	149	2194616	43.523	ng		99
75) Fluoranthene	19.256	202	2327101	43.938	ng		100
77) Benzidine	19.462	184	706315	90.553	ng		99
78) Pyrene	19.621	202	2409871	49.518	ng		100
80) Butylbenzylphthalate	20.527	149	908647	46.616	ng		99
81) Benzo(a)anthracene	21.380	228	2167109	46.635	ng		100
82) 3,3'-Dichlorobenzidine	21.321	252	572097	38.065	ng		99
83) Chrysene	21.433	228	1983024	44.894	ng		99
84) Bis(2-ethylhexyl)phtha...	21.303	149	1237485	44.687	ng	#	98
85) Di-n-octyl phthalate	22.215	149	1911807	42.222	ng		98
87) Indeno(1,2,3-cd)pyrene	26.191	276	1761425	45.381	ng		99
88) Benzo(b)fluoranthene	23.038	252	1826014	51.392	ng		99
89) Benzo(k)fluoranthene	23.086	252	1703420	47.439	ng		99
90) Benzo(a)pyrene	23.650	252	1507852	44.567	ng		100
91) Dibenzo(a,h)anthracene	26.209	278	1480406	45.351	ng		99
92) Benzo(g,h,i)perylene	26.944	276	1421479	45.045	ng		98

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

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