Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060923\
Data File : BM040187.D
Acq On : 09 Jun 2023 12:26
Operator : MA/JU
Sample : PB153264BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 09 14:10:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 08 23:25:50 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB153264BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/12/2023
Supervised By :Jagrut Upadhyay 06/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	504815	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	2227653	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	1284853	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	2479005	20.000	ng	0.00
76) Chrysene-d12	21.545	240	1894017	20.000	ng	0.00
86) Perylene-d12	23.980	264	1569969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	3053361	90.313	ng	0.00
7) Phenol-d6	7.151	99	3714712	80.522	ng	0.00
23) Nitrobenzene-d5	9.157	82	3238367	78.683	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	1635439	84.600	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	8194549	84.296	ng	0.00
79) Terphenyl-d14	19.986	244	11345502	110.423	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	428930	31.948	ng	97
3) Pyridine	3.805	79	1137778	29.546	ng	97
4) n-Nitrosodimethylamine	3.716	42	554776	35.534	ng	92
6) Aniline	7.310	93	1580888	28.314	ng	99
8) 2-Chlorophenol	7.551	128	1669850	46.713	ng	97
9) Benzaldehyde	7.122	77	358911	14.610	ng	96
10) Phenol	7.175	94	2050222	45.188	ng	99
11) bis(2-Chloroethyl)ether	7.410	93	1486765	40.662	ng	97
12) 1,3-Dichlorobenzene	7.875	146	1607629	44.736	ng	98
13) 1,4-Dichlorobenzene	8.022	146	1646813	44.849	ng	99
14) 1,2-Dichlorobenzene	8.345	146	1613065	44.638	ng	97
15) Benzyl Alcohol	8.234	79	1309455	43.010	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.522	45	1905150	40.871	ng	99
17) 2-Methylphenol	8.434	107	1392982	43.089	ng	98
18) Hexachloroethane	9.075	117	603383	45.893	ng	94
19) n-Nitroso-di-n-propyla...	8.804	70	1111984	39.673	ng	97
20) 3+4-Methylphenols	8.763	107	1890357	42.833	ng	98
22) Acetophenone	8.816	105	2362466	40.609	ng	98
24) Nitrobenzene	9.204	77	1647001	38.878	ng	94
25) Isophorone	9.728	82	3093983	39.809	ng	97
26) 2-Nitrophenol	9.910	139	852820	48.448	ng	96
27) 2,4-Dimethylphenol	9.975	122	1609076	46.721	ng	97
28) bis(2-Chloroethoxy)met...	10.210	93	2070328	41.263	ng	100
29) 2,4-Dichlorophenol	10.445	162	1554846	49.221	ng	98
30) 1,2,4-Trichlorobenzene	10.663	180	1498755	46.839	ng	99
31) Naphthalene	10.851	128	4886981	40.729	ng	100
32) Benzoic acid	10.134	122	1144130	43.975	ng	93
33) 4-Chloroaniline	10.963	127	655798	12.272	ng	97
34) Hexachlorobutadiene	11.139	225	794883	47.358	ng	98
35) Caprolactam	11.757	113	478438m	44.104	ng	
36) 4-Chloro-3-methylphenol	12.086	107	1581057	43.101	ng	92
37) 2-Methylnaphthalene	12.457	142	3370524	40.622	ng	98
38) 1-Methylnaphthalene	12.675	142	3176604	40.598	ng	100
40) 1,2,4,5-Tetrachloroben...	12.828	216	1667526	48.954	ng	98
41) Hexachlorocyclopentadiene	12.804	237	2439138	137.324	ng	99
43) 2,4,6-Trichlorophenol	13.063	196	1157109	49.526	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.133	196	1278717	45.341	ng		96
46) 1,1'-Biphenyl	13.463	154	4445970	43.154	ng		99
47) 2-Chloronaphthalene	13.504	162	3369973	44.032	ng		98
48) 2-Nitroaniline	13.710	65	923676	40.251	ng		90
49) Acenaphthylene	14.351	152	5315350	41.888	ng		99
50) Dimethylphthalate	14.086	163	4191483	41.826	ng		100
51) 2,6-Dinitrotoluene	14.204	165	897932	44.708	ng		88
52) Acenaphthene	14.692	154	3219634	41.137	ng		99
53) 3-Nitroaniline	14.533	138	616797	24.615	ng		92
54) 2,4-Dinitrophenol	14.739	184	1118970	86.768	ng	#	84
55) Dibenzofuran	15.027	168	5017331	40.980	ng		97
56) 4-Nitrophenol	14.839	139	1783139	87.859	ng		92
57) 2,4-Dinitrotoluene	14.992	165	1218993	45.478	ng	#	85
58) Fluorene	15.674	166	4204373	41.025	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.251	232	1048308	47.539	ng		92
60) Diethylphthalate	15.445	149	4293453	42.226	ng		98
61) 4-Chlorophenyl-phenyle...	15.663	204	2103764	43.918	ng		97
62) 4-Nitroaniline	15.698	138	1034659	38.761	ng		95
63) Azobenzene	15.957	77	3809853	38.538	ng		95
65) 4,6-Dinitro-2-methylph...	15.751	198	675186	48.557	ng		87
66) n-Nitrosodiphenylamine	15.880	169	3583067	44.129	ng		98
67) 4-Bromophenyl-phenylether	16.557	248	1180253	47.404	ng		95
68) Hexachlorobenzene	16.674	284	1441491	50.482	ng		93
69) Atrazine	16.833	200	1157620	52.168	ng		97
70) Pentachlorophenol	17.021	266	1942209	92.657	ng		98
71) Phenanthrene	17.415	178	6132820	42.458	ng		99
72) Anthracene	17.504	178	6248226	43.360	ng		100
73) Carbazole	17.774	167	5747986	41.819	ng		100
74) Di-n-butylphthalate	18.333	149	7177731	46.563	ng		99
75) Fluoranthene	19.421	202	6390896	41.694	ng		99
77) Benzidine	19.604	184	2216591	62.316	ng		99
78) Pyrene	19.786	202	6744198	53.399	ng		100
80) Butylbenzylphthalate	20.680	149	2892358	56.660	ng		89
81) Benzo(a)anthracene	21.533	228	5901998	45.696	ng		100
82) 3,3'-Dichlorobenzidine	21.462	252	1657870	38.623	ng		99
83) Chrysene	21.586	228	5308313	43.386	ng		100
84) Bis(2-ethylhexyl)phtha...	21.451	149	4074389	54.047	ng		99
85) Di-n-octyl phthalate	22.386	149	6161666	50.333	ng		97
87) Indeno(1,2,3-cd)pyrene	26.521	276	4855955	41.251	ng		99
88) Benzo(b)fluoranthene	23.239	252	4794198	50.421	ng		99
89) Benzo(k)fluoranthene	23.292	252	4848551	48.789	ng		98
90) Benzo(a)pyrene	23.874	252	3909327	43.052	ng		99
91) Dibenzo(a,h)anthracene	26.533	278	4152848	40.866	ng		99
92) Benzo(g,h,i)perylene	27.297	276	3591446	41.143	ng		99

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

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