Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072823\
Data File : BM041177.D
Acq On : 28 Jul 2023 22:16
Operator : MA/JU
Sample : PB154118BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB154118BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

Quant Time: Jul 29 01:20:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 29 00:19:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	138745	20.000	ng		0.00
21) Naphthalene-d8	10.610	136	516902	20.000	ng		0.00
39) Acenaphthene-d10	14.469	164	270737	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	544222	20.000	ng		0.00
76) Chrysene-d12	21.427	240	558891	20.000	ng		0.00
86) Perylene-d12	23.797	264	646890	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1480446	159.476	ng		0.00
7) Phenol-d6	6.987	99	1804716	149.978	ng		0.00
23) Nitrobenzene-d5	8.981	82	1136068	102.210	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	638071	166.623	ng		0.00
45) 2-Fluorobiphenyl	13.092	172	2250709	105.017	ng		0.00
79) Terphenyl-d14	19.862	244	3434503	111.109	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.269	88	145051	36.525	ng		97
3) Pyridine	3.669	79	400351	38.341	ng		99
4) n-Nitrosodimethylamine	3.587	42	213359	44.180	ng		92
6) Aniline	7.140	93	596996	42.393	ng		98
8) 2-Chlorophenol	7.369	128	461477	50.921	ng		99
9) Benzaldehyde	6.951	77	306298m	48.240	ng		
10) Phenol	7.010	94	582508	50.121	ng		99
11) bis(2-Chloroethyl)ether	7.240	93	459785	48.873	ng		98
12) 1,3-Dichlorobenzene	7.693	146	515000	52.205	ng		98
13) 1,4-Dichlorobenzene	7.840	146	524114	52.859	ng		99
14) 1,2-Dichlorobenzene	8.157	146	499935	52.585	ng		99
15) Benzyl Alcohol	8.063	79	404616	53.245	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.345	45	595181	47.483	ng		99
17) 2-Methylphenol	8.263	107	372697	46.938	ng		99
18) Hexachloroethane	8.875	117	192978	52.278	ng		94
19) n-Nitroso-di-n-propyla...	8.628	70	352440	48.221	ng		97
20) 3+4-Methylphenols	8.592	107	495775	46.699	ng		98
22) Acetophenone	8.645	105	665122	48.585	ng	#	98
24) Nitrobenzene	9.028	77	522194	46.457	ng		99
25) Isophorone	9.551	82	909965	48.228	ng		99
26) 2-Nitrophenol	9.734	139	230588	52.476	ng		96
27) 2,4-Dimethylphenol	9.798	122	387079	50.060	ng		99
28) bis(2-Chloroethoxy)met...	10.034	93	556005	47.044	ng		98
29) 2,4-Dichlorophenol	10.269	162	393253	50.433	ng		100
30) 1,2,4-Trichlorobenzene	10.475	180	439432	51.007	ng		99
31) Naphthalene	10.663	128	1311247	46.747	ng		99
32) Benzoic acid	9.951	122	272027	47.015	ng		95
33) 4-Chloroaniline	10.792	127	330582	29.491	ng		98
34) Hexachlorobutadiene	10.933	225	271174	52.336	ng		99
35) Caprolactam	11.604	113	112909m	50.055	ng		
36) 4-Chloro-3-methylphenol	11.922	107	395143	48.146	ng		99
37) 2-Methylnaphthalene	12.280	142	854099	45.165	ng		100
38) 1-Methylnaphthalene	12.504	142	795215	44.929	ng		99
40) 1,2,4,5-Tetrachloroben...	12.651	216	449926	51.180	ng		99
41) Hexachlorocyclopentadiene	12.616	237	579489	124.597	ng		99
43) 2,4,6-Trichlorophenol	12.898	196	297255	52.755	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	315367	48.357	ng		97
46) 1,1'-Biphenyl	13.298	154	1057061	48.161	ng		99
47) 2-Chloronaphthalene	13.345	162	817077	49.858	ng		99
48) 2-Nitroaniline	13.563	65	257167	49.161	ng		100
49) Acenaphthylene	14.192	152	1274165	48.169	ng		99
50) Dimethylphthalate	13.939	163	976406	47.945	ng		100
51) 2,6-Dinitrotoluene	14.063	165	211573	50.139	ng		99
52) Acenaphthene	14.533	154	755747	47.426	ng		99
53) 3-Nitroaniline	14.398	138	178430	37.157	ng		95
54) 2,4-Dinitrophenol	14.610	184	157023	56.920	ng		92
55) Dibenzofuran	14.874	168	1205906	46.382	ng		99
56) 4-Nitrophenol	14.716	139	416890	118.543	ng		96
57) 2,4-Dinitrotoluene	14.857	165	285661	47.438	ng		91
58) Fluorene	15.521	166	968226	47.206	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	274367	51.953	ng		98
60) Diethylphthalate	15.304	149	955811	48.532	ng		99
61) 4-Chlorophenyl-phenyle...	15.521	204	492526	47.921	ng		97
62) 4-Nitroaniline	15.568	138	186523	42.011	ng		97
63) Azobenzene	15.816	77	995510	46.146	ng		96
65) 4,6-Dinitro-2-methylph...	15.621	198	109932	33.344	ng		94
66) n-Nitrosodiphenylamine	15.739	169	810392	47.879	ng		99
67) 4-Bromophenyl-phenylether	16.415	248	294926	49.427	ng		99
68) Hexachlorobenzene	16.527	284	342726	51.654	ng		97
69) Atrazine	16.704	200	293612	66.055	ng		99
70) Pentachlorophenol	16.880	266	505128	109.943	ng		98
71) Phenanthrene	17.268	178	1458933	48.250	ng		100
72) Anthracene	17.362	178	1470550	49.174	ng		99
73) Carbazole	17.645	167	1393522	51.484	ng		100
74) Di-n-butylphthalate	18.204	149	1643135	53.721	ng		99
75) Fluoranthene	19.292	202	1772828	52.187	ng		100
77) Benzidine	19.498	184	1155534	151.692	ng		100
78) Pyrene	19.656	202	1872239	47.903	ng		99
80) Butylbenzylphthalate	20.562	149	792555	55.529	ng		98
81) Benzo(a)anthracene	21.415	228	1910523	50.425	ng		99
82) 3,3'-Dichlorobenzidine	21.350	252	746093	60.347	ng		99
83) Chrysene	21.462	228	1740085	47.482	ng		99
84) Bis(2-ethylhexyl)phtha...	21.339	149	1197778	52.588	ng	#	97
85) Di-n-octyl phthalate	22.256	149	2064090	57.221	ng		97
87) Indeno(1,2,3-cd)pyrene	26.250	276	2381810	50.080	ng		98
88) Benzo(b)fluoranthene	23.080	252	2035469	52.967	ng		98
89) Benzo(k)fluoranthene	23.127	252	1907285	48.520	ng		99
90) Benzo(a)pyrene	23.691	252	1747432	47.324	ng		99
91) Dibenzo(a,h)anthracene	26.262	278	1995544	50.305	ng		99
92) Benzo(g,h,i)perylene	27.003	276	1915738	49.355	ng		99

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

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