Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060759.D
Acq On : 3 Apr 2024 11:54
Operator : MA/JU
Sample : PB159882BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 03 12:28:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB159882BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/05/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.958	152	48750	20.000	ng		0.00
21) Naphthalene-d8	10.761	136	219703	20.000	ng		0.00
39) Acenaphthene-d10	14.592	164	177327	20.000	ng		0.00
64) Phenanthrene-d10	17.335	188	483714	20.000	ng		0.00
76) Chrysene-d12	21.601	240	455045	20.000	ng		0.00
86) Perylene-d12	24.744	264	506824	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.543	112	523647	178.941	ng		0.00
7) Phenol-d6	7.124	99	633336	145.801	ng		0.00
23) Nitrobenzene-d5	9.116	82	372518	96.751	ng		0.00
42) 2,4,6-Tribromophenol	16.078	330	360388	179.035	ng		0.00
45) 2-Fluorobiphenyl	13.217	172	973704	80.588	ng		0.00
79) Terphenyl-d14	19.962	244	2118785	81.988	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.463	88	49644	41.377	ng		99
3) Pyridine	3.845	79	124998	34.539	ng		95
4) n-Nitrosodimethylamine	3.763	42	113398	52.420	ng		99
6) Aniline	7.283	93	108743	19.824	ng		98
8) 2-Chlorophenol	7.523	128	168876	50.903	ng		96
9) Benzaldehyde	7.095	77	22791m	9.515	ng		
10) Phenol	7.147	94	237159	53.497	ng		98
11) bis(2-Chloroethyl)ether	7.382	93	144645	40.413	ng		98
12) 1,3-Dichlorobenzene	7.852	146	150717	43.685	ng		96
13) 1,4-Dichlorobenzene	7.993	146	157575	44.768	ng		98
14) 1,2-Dichlorobenzene	8.311	146	153915	44.621	ng		99
15) Benzyl Alcohol	8.193	79	165576	47.057	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.481	45	350576	43.402	ng		99
17) 2-Methylphenol	8.399	107	153192	45.775	ng		98
18) Hexachloroethane	9.045	117	55989	44.788	ng		93
19) n-Nitroso-di-n-propyla...	8.763	70	139948	42.247	ng	#	99
20) 3+4-Methylphenols	8.722	107	215329	46.986	ng		96
22) Acetophenone	8.781	105	267673	44.185	ng	#	96
24) Nitrobenzene	9.157	77	197864	46.273	ng		98
25) Isophorone	9.680	82	373293	42.093	ng		99
26) 2-Nitrophenol	9.868	139	81360	53.052	ng		94
27) 2,4-Dimethylphenol	9.927	122	139310	39.106	ng		98
28) bis(2-Chloroethoxy)met...	10.167	93	218756	41.782	ng		96
29) 2,4-Dichlorophenol	10.402	162	175686	53.705	ng		98
30) 1,2,4-Trichlorobenzene	10.620	180	165637	44.716	ng		98
31) Naphthalene	10.808	128	504488	42.449	ng		99
32) Benzoic acid	10.056	122	136787	56.329	ng		95
33) 4-Chloroaniline	10.908	127	85973	15.575	ng		99
34) Hexachlorobutadiene	11.102	225	107084	43.377	ng		96
35) Caprolactam	11.677	113	68762m	53.072	ng		
36) 4-Chloro-3-methylphenol	12.036	107	215624	51.598	ng		99
37) 2-Methylnaphthalene	12.418	142	368469	42.171	ng		98
38) 1-Methylnaphthalene	12.635	142	355472	43.065	ng		97
40) 1,2,4,5-Tetrachloroben...	12.782	216	221346	43.418	ng		99
41) Hexachlorocyclopentadiene	12.770	237	241112	93.015	ng		99
43) 2,4,6-Trichlorophenol	13.017	196	169732	51.706	ng		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.093	196	194249	49.585	ng	98
46) 1,1'-Biphenyl	13.428	154	536141	42.805	ng	99
47) 2-Chloronaphthalene	13.464	162	419338	44.065	ng	98
48) 2-Nitroaniline	13.663	65	169915	53.927	ng	99
49) Acenaphthylene	14.310	152	755106	47.224	ng	99
50) Dimethylphthalate	14.051	163	630422	44.978	ng	99
51) 2,6-Dinitrotoluene	14.157	165	130504	51.712	ng	97
52) Acenaphthene	14.656	154	521511m	51.946	ng	
53) 3-Nitroaniline	14.486	138	90267	33.693	ng	93
54) 2,4-Dinitrophenol	14.692	184	165482	169.620	ng	88
55) Dibenzofuran	14.991	168	723426	45.684	ng	99
56) 4-Nitrophenol	14.797	139	265482	129.567	ng	93
57) 2,4-Dinitrotoluene	14.950	165	196916	58.868	ng	92
58) Fluorene	15.643	166	602210	47.384	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.214	232	190594	55.827	ng	100
60) Diethylphthalate	15.420	149	664777	47.143	ng	99
61) 4-Chlorophenyl-phenyle...	15.637	204	309925	46.094	ng	95
62) 4-Nitroaniline	15.649	138	156556	61.093	ng	95
63) Azobenzene	15.931	77	633750	46.121	ng	98
65) 4,6-Dinitro-2-methylph...	15.714	198	113819	55.696	ng	99
66) n-Nitrosodiphenylamine	15.849	169	581206	42.047	ng	98
67) 4-Bromophenyl-phenylether	16.531	248	220508	44.919	ng	98
68) Hexachlorobenzene	16.642	284	247607	44.681	ng	97
69) Atrazine	16.801	200	183600	37.983	ng	99
70) Pentachlorophenol	16.983	266	358339	99.099	ng	100
71) Phenanthrene	17.382	178	1086693	43.197	ng	100
72) Anthracene	17.471	178	1105559	43.273	ng	99
73) Carbazole	17.735	167	1015949	45.102	ng	99
74) Di-n-butylphthalate	18.317	149	1239795	44.147	ng	99
75) Fluoranthene	19.392	202	1352269	44.298	ng	99
77) Benzidine	19.568	184	349330	29.154	ng	99
78) Pyrene	19.750	202	1393174	43.776	ng	99
80) Butylbenzylphthalate	20.661	149	557574	48.028	ng	98
81) Benzo(a)anthracene	21.583	228	1415762	44.138	ng	100
82) 3,3'-Dichlorobenzidine	21.501	252	397284	36.682	ng	99
83) Chrysene	21.648	228	1331643	43.072	ng	98
84) Bis(2-ethylhexyl)phtha...	21.525	149	819052	44.264	ng	98
85) Di-n-octyl phthalate	22.729	149	1437398	47.684	ng	100
87) Indeno(1,2,3-cd)pyrene	28.323	276	1707487	47.841	ng	99
88) Benzo(b)fluoranthene	23.757	252	1402181	48.157	ng	99
89) Benzo(k)fluoranthene	23.822	252	1377974	46.237	ng	99
90) Benzo(a)pyrene	24.598	252	1268209	44.819	ng	98
91) Dibenzo(a,h)anthracene	28.393	278	1414752	47.023	ng	97
92) Benzo(g,h,i)perylene	29.427	276	1318243	45.042	ng	99

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

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