Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
Data File : BG058743.D
Acq On : 16 Aug 2023 11:20
Operator : MA/JU
Sample : PB154832BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 16 11:54:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB154832BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.809	152	30921	20.000	ng		0.00
21) Naphthalene-d8	10.611	136	132799	20.000	ng		0.00
39) Acenaphthene-d10	14.460	164	100799	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	256325	20.000	ng		0.00
76) Chrysene-d12	21.452	240	215675	20.000	ng		0.00
86) Perylene-d12	24.519	264	268838	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.382	112	264399	130.695	ng		0.00
7) Phenol-d6	6.986	99	361306	128.350	ng		0.00
23) Nitrobenzene-d5	8.978	82	222162	82.183	ng		0.00
42) 2,4,6-Tribromophenol	15.952	330	194045	117.449	ng		0.00
45) 2-Fluorobiphenyl	13.079	172	521379	77.514	ng		0.00
79) Terphenyl-d14	19.824	244	989804	86.304	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	30848	31.468	ng		91
3) Pyridine	3.661	79	78759	29.469	ng	#	85
4) n-Nitrosodimethylamine	3.579	42	52180	46.079	ng	#	78
6) Aniline	7.133	93	98608	28.452	ng		94
8) 2-Chlorophenol	7.374	128	98000	49.379	ng		96
9) Benzaldehyde	6.951	77	37529	24.539	ng		99
10) Phenol	7.010	94	133207	48.442	ng		94
11) bis(2-Chloroethyl)ether	7.233	93	88699	40.916	ng		91
12) 1,3-Dichlorobenzene	7.697	146	94303	44.499	ng		96
13) 1,4-Dichlorobenzene	7.844	146	94933	44.614	ng		94
14) 1,2-Dichlorobenzene	8.161	146	93205	45.814	ng		96
15) Benzyl Alcohol	8.050	79	95332	53.401	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.344	45	190742m	54.166	ng		
17) 2-Methylphenol	8.261	107	90844	45.182	ng		98
18) Hexachloroethane	8.884	117	34785	44.975	ng		97
19) n-Nitroso-di-n-propyla...	8.614	70	80044	44.022	ng		94
20) 3+4-Methylphenols	8.590	107	124946	45.942	ng		97
22) Acetophenone	8.637	105	153716	43.229	ng	#	96
24) Nitrobenzene	9.019	77	116742	42.479	ng		99
25) Isophorone	9.536	82	231110	41.377	ng		99
26) 2-Nitrophenol	9.730	139	53302	44.556	ng		95
27) 2,4-Dimethylphenol	9.789	122	88822	44.762	ng		95
28) bis(2-Chloroethoxy)met...	10.018	93	128537	42.287	ng		99
29) 2,4-Dichlorophenol	10.265	162	98147	47.637	ng		97
30) 1,2,4-Trichlorobenzene	10.476	180	104647	44.042	ng		99
31) Naphthalene	10.658	128	296486	42.359	ng		99
32) Benzoic acid	9.965	122	52150	35.716	ng		95
33) 4-Chloroaniline	10.782	127	60671	20.516	ng		99
34) Hexachlorobutadiene	10.940	225	68266	44.613	ng		98
35) Caprolactam	11.563	113	35253m	46.335	ng		
36) 4-Chloro-3-methylphenol	11.910	107	120404	47.242	ng		99
37) 2-Methylnaphthalene	12.274	142	207198	41.384	ng		98
38) 1-Methylnaphthalene	12.497	142	200736	42.178	ng		98
40) 1,2,4,5-Tetrachloroben...	12.650	216	126377	40.838	ng		99
41) Hexachlorocyclopentadiene	12.621	237	106550	74.629	ng		99
43) 2,4,6-Trichlorophenol	12.891	196	89422	42.011	ng		94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.968	196	98230	39.181	ng	98
46) 1,1'-Biphenyl	13.291	154	278977	40.301	ng	97
47) 2-Chloronaphthalene	13.332	162	228083	42.258	ng	98
48) 2-Nitroaniline	13.543	65	90070	43.720	ng	97
49) Acenaphthylene	14.184	152	380649	42.123	ng	99
50) Dimethylphthalate	13.919	163	322380	42.585	ng	99
51) 2,6-Dinitrotoluene	14.043	165	72305	43.530	ng	99
52) Acenaphthene	14.525	154	214545	41.089	ng	98
53) 3-Nitroaniline	14.372	138	43527	26.192	ng	97
54) 2,4-Dinitrophenol	14.589	184	83188	88.014	ng	95
55) Dibenzofuran	14.859	168	371828	41.442	ng	99
56) 4-Nitrophenol	14.695	139	103837	84.142	ng	88
57) 2,4-Dinitrotoluene	14.836	165	106030	46.043	ng	99
58) Fluorene	15.506	166	303322	42.556	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.089	232	93587	43.746	ng	96
60) Diethylphthalate	15.277	149	338340	43.871	ng	99
61) 4-Chlorophenyl-phenyle...	15.500	204	165478	41.643	ng	99
62) 4-Nitroaniline	15.541	138	72627	46.133	ng	92
63) Azobenzene	15.794	77	315903	41.587	ng	97
65) 4,6-Dinitro-2-methylph...	15.600	198	63312	44.796	ng	97
66) n-Nitrosodiphenylamine	15.717	169	275045	41.227	ng	99
67) 4-Bromophenyl-phenylether	16.393	248	117327	40.356	ng	96
68) Hexachlorobenzene	16.510	284	131626	42.726	ng	97
69) Atrazine	16.669	200	116501	51.730	ng	98
70) Pentachlorophenol	16.863	266	126243	67.702	ng	99
71) Phenanthrene	17.251	178	512231	42.138	ng	100
72) Anthracene	17.339	178	521649	41.822	ng	99
73) Carbazole	17.615	167	483507	43.959	ng	99
74) Di-n-butylphthalate	18.161	149	605357	43.940	ng	99
75) Fluoranthene	19.266	202	632767	43.334	ng	96
77) Benzidine	19.448	184	223363	68.296	ng	98
78) Pyrene	19.624	202	634476	43.227	ng	99
80) Butylbenzylphthalate	20.512	149	269104	44.634	ng	98
81) Benzo(a)anthracene	21.428	228	647052	43.594	ng	99
82) 3,3'-Dichlorobenzidine	21.352	252	174574	34.787	ng	98
83) Chrysene	21.493	228	597540	41.989	ng	98
84) Bis(2-ethylhexyl)phtha...	21.328	149	384851	43.681	ng	98
85) Di-n-octyl phthalate	22.480	149	684468	44.188	ng	97
87) Indeno(1,2,3-cd)pyrene	28.032	276	801277	44.802	ng	98
88) Benzo(b)fluoranthene	23.543	252	684275	46.929	ng	100
89) Benzo(k)fluoranthene	23.614	252	653577	44.618	ng	99
90) Benzo(a)pyrene	24.378	252	607878	42.451	ng	99
91) Dibenzo(a,h)anthracene	28.079	278	670365	45.331	ng	98
92) Benzo(g,h,i)perylene	29.125	276	642418	43.322	ng	99

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

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