Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091823\
Data File : BG059091.D
Acq On : 18 Sep 2023 19:35
Operator : MA/JU
Sample : PB154929BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 19 03:30:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 19 02:12:59 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB154929BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/19/2023
Supervised By :Sohil Jodhani 09/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.300	152	24608	20.000	ng	0.00
21) Naphthalene-d8	11.144	136	121071	20.000	ng	# 0.00
39) Acenaphthene-d10	14.927	164	81108	20.000	ng	0.00
64) Phenanthrene-d10	17.683	188	179718	20.000	ng	0.00
76) Chrysene-d12	22.001	240	158464	20.000	ng	0.00
86) Perylene-d12	25.556	264	172107	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	303833	192.891	ng	0.00
7) Phenol-d6	7.418	99	442772	189.133	ng	0.00
23) Nitrobenzene-d5	9.498	82	252707	111.631	ng	0.00
42) 2,4,6-Tribromophenol	16.420	330	170170	182.379	ng	0.00
45) 2-Fluorobiphenyl	13.552	172	606444	111.642	ng	0.00
79) Terphenyl-d14	20.262	244	947442	112.483	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.646	88	30730	39.994	ng	95
3) Pyridine	4.058	79	82413	37.505	ng	98
4) n-Nitrosodimethylamine	3.987	42	53502	48.667	ng	92
6) Aniline	7.624	93	134443	44.573	ng	99
8) 2-Chlorophenol	7.847	128	116700	65.370	ng	98
9) Benzaldehyde	7.448	77	35755	28.179	ng	97
10) Phenol	7.448	94	160010	69.881	ng	97
11) bis(2-Chloroethyl)ether	7.718	93	104110	57.294	ng	96
12) 1,3-Dichlorobenzene	8.182	146	106355m	58.502	ng	
13) 1,4-Dichlorobenzene	8.335	146	111516	61.262	ng	100
14) 1,2-Dichlorobenzene	8.652	146	110016	62.150	ng	95
15) Benzyl Alcohol	8.541	79	106457	63.541	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.823	45	213759m	58.403	ng	
17) 2-Methylphenol	8.723	107	109204	61.455	ng	94
18) Hexachloroethane	9.387	117	38101	59.592	ng	93
19) n-Nitroso-di-n-propyla...	9.105	70	83713	55.821	ng	95
20) 3+4-Methylphenols	9.052	107	151296	62.912	ng	97
22) Acetophenone	9.140	105	176296	56.543	ng	96
24) Nitrobenzene	9.545	77	127822	58.737	ng	93
25) Isophorone	10.051	82	261372	56.945	ng	100
26) 2-Nitrophenol	10.250	139	63657	63.435	ng	92
27) 2,4-Dimethylphenol	10.268	122	118222	62.080	ng	96
28) bis(2-Chloroethoxy)met...	10.532	93	155146	59.571	ng	99
29) 2,4-Dichlorophenol	10.767	162	121787	68.814	ng	96
30) 1,2,4-Trichlorobenzene	10.991	180	107098	62.604	ng	96
31) Naphthalene	11.196	128	372599	60.198	ng	99
32) Benzoic acid	10.391	122	90422	61.238	ng	95
33) 4-Chloroaniline	11.308	127	99286	35.773	ng	98
34) Hexachlorobutadiene	11.426	225	61036	58.949	ng	95
35) Caprolactam	12.101	113	40970m	58.891	ng	
36) 4-Chloro-3-methylphenol	12.383	107	137399	66.672	ng	98
37) 2-Methylnaphthalene	12.777	142	254523	57.925	ng	99
38) 1-Methylnaphthalene	12.994	142	243573	58.849	ng	98
40) 1,2,4,5-Tetrachloroben...	13.118	216	119758	58.845	ng	99
41) Hexachlorocyclopentadiene	13.071	237	147614	132.865	ng	97
43) 2,4,6-Trichlorophenol	13.359	196	97235	65.325	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.429	196	109121	61.764	ng		96
46) 1,1'-Biphenyl	13.770	154	338625	59.069	ng		99
47) 2-Chloronaphthalene	13.823	162	282185	63.326	ng		97
48) 2-Nitroaniline	14.034	65	102172	63.138	ng		94
49) Acenaphthylene	14.663	152	454625	61.685	ng		98
50) Dimethylphthalate	14.375	163	370290	59.213	ng		97
51) 2,6-Dinitrotoluene	14.516	165	79670	63.210	ng		97
52) Acenaphthene	14.998	154	251929	60.079	ng		99
53) 3-Nitroaniline	14.857	138	65453	44.122	ng	#	94
54) 2,4-Dinitrophenol	15.051	184	98843	141.503	ng		88
55) Dibenzofuran	15.327	168	439416	60.415	ng		98
56) 4-Nitrophenol	15.127	139	151146	131.245	ng		96
57) 2,4-Dinitrotoluene	15.292	165	113191	66.592	ng		98
58) Fluorene	15.973	166	367532	61.449	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.532	232	94706	64.735	ng		97
60) Diethylphthalate	15.720	149	367734	59.133	ng		98
61) 4-Chlorophenyl-phenyle...	15.956	204	162350	60.012	ng		95
62) 4-Nitroaniline	16.020	138	86792	58.485	ng		90
63) Azobenzene	16.249	77	368486	60.205	ng		97
65) 4,6-Dinitro-2-methylph...	16.044	198	66465	63.925	ng		98
66) n-Nitrosodiphenylamine	16.179	169	325384	61.016	ng		97
67) 4-Bromophenyl-phenylether	16.854	248	101988	58.545	ng		99
68) Hexachlorobenzene	16.948	284	114260	63.392	ng		94
69) Atrazine	17.113	200	116080	67.586	ng		96
70) Pentachlorophenol	17.301	266	142316	102.053	ng		98
71) Phenanthrene	17.724	178	581192	60.986	ng		98
72) Anthracene	17.818	178	594143	60.663	ng		98
73) Carbazole	18.088	167	563936	60.723	ng		98
74) Di-n-butylphthalate	18.599	149	655212	57.564	ng		99
75) Fluoranthene	19.716	202	653224	58.269	ng		99
77) Benzidine	19.904	184	209767	62.524	ng		99
78) Pyrene	20.080	202	687832	61.515	ng		99
80) Butylbenzylphthalate	20.938	149	282486	60.966	ng		95
81) Benzo(a)anthracene	21.984	228	650066	60.503	ng		98
82) 3,3'-Dichlorobenzidine	21.896	252	198695	51.319	ng		97
83) Chrysene	22.054	228	608727	59.110	ng		98
84) Bis(2-ethylhexyl)phtha...	21.819	149	422165	59.916	ng	#	100
85) Di-n-octyl phthalate	23.141	149	729649	61.052	ng		100
87) Indeno(1,2,3-cd)pyrene	29.675	276	725856	65.390	ng	#	93
88) Benzo(b)fluoranthene	24.404	252	687005	69.004	ng		99
89) Benzo(k)fluoranthene	24.487	252	662529	64.764	ng		100
90) Benzo(a)pyrene	25.386	252	602004	61.592	ng		98
91) Dibenzo(a,h)anthracene	29.763	278	600867	66.826	ng		96
92) Benzo(g,h,i)perylene	30.991	276	597928	65.027	ng		98

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

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