Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091823\
Data File : BG059090.D
Acq On : 18 Sep 2023 18:54
Operator : MA/JU
Sample : PB154929BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 19 03:30:04 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 :
PB154929BS

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	28311	20.000	ng	0.00
21) Naphthalene-d8	11.143	136	140461	20.000	ng	# 0.00
39) Acenaphthene-d10	14.927	164	93422	20.000	ng	0.00
64) Phenanthrene-d10	17.683	188	203472	20.000	ng	0.00
76) Chrysene-d12	22.007	240	184416	20.000	ng	0.00
86) Perylene-d12	25.550	264	206170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	322511	177.968	ng	0.00
7) Phenol-d6	7.418	99	462011	171.538	ng	0.00
23) Nitrobenzene-d5	9.498	82	266138	101.335	ng	0.00
42) 2,4,6-Tribromophenol	16.420	330	169930	158.116	ng	0.00
45) 2-Fluorobiphenyl	13.552	172	626525	100.136	ng	0.00
79) Terphenyl-d14	20.262	244	982020	100.181	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.646	88	32399	36.651	ng	98
3) Pyridine	4.058	79	88243	34.905	ng	98
4) n-Nitrosodimethylamine	3.987	42	59388	46.955	ng	85
6) Aniline	7.624	93	140335	40.441	ng	95
8) 2-Chlorophenol	7.847	128	125236	60.976	ng	96
9) Benzaldehyde	7.442	77	37816	25.905	ng	95
10) Phenol	7.448	94	166727	63.290	ng	98
11) bis(2-Chloroethyl)ether	7.718	93	111999	53.574	ng	94
12) 1,3-Dichlorobenzene	8.182	146	113646	54.336	ng	96
13) 1,4-Dichlorobenzene	8.335	146	118158	56.421	ng	99
14) 1,2-Dichlorobenzene	8.658	146	115064	56.500	ng	98
15) Benzyl Alcohol	8.541	79	108686	56.387	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.817	45	232812m	55.289	ng	
17) 2-Methylphenol	8.723	107	111948	54.759	ng	91
18) Hexachloroethane	9.387	117	39717	53.995	ng	98
19) n-Nitroso-di-n-propyla...	9.105	70	90317	52.348	ng	93
20) 3+4-Methylphenols	9.052	107	159779	57.750	ng	95
22) Acetophenone	9.146	105	194072	53.651	ng	95
24) Nitrobenzene	9.545	77	133381	52.830	ng	97
25) Isophorone	10.051	82	273352	51.334	ng	100
26) 2-Nitrophenol	10.250	139	65623	56.367	ng	99
27) 2,4-Dimethylphenol	10.274	122	120392	54.492	ng	95
28) bis(2-Chloroethoxy)met...	10.532	93	160381	53.080	ng	98
29) 2,4-Dichlorophenol	10.773	162	124744	60.755	ng	99
30) 1,2,4-Trichlorobenzene	10.991	180	111673	56.267	ng	97
31) Naphthalene	11.196	128	383506	53.407	ng	98
32) Benzoic acid	10.386	122	93295	54.902	ng	88
33) 4-Chloroaniline	11.314	127	101789	31.612	ng	98
34) Hexachlorobutadiene	11.425	225	62800	52.280	ng	95
35) Caprolactam	12.107	113	43756m	54.213	ng	
36) 4-Chloro-3-methylphenol	12.383	107	141851	59.330	ng	97
37) 2-Methylnaphthalene	12.777	142	264796	51.944	ng	99
38) 1-Methylnaphthalene	12.994	142	254834	53.070	ng	98
40) 1,2,4,5-Tetrachloroben...	13.118	216	124745	53.216	ng	99
41) Hexachlorocyclopentadiene	13.076	237	149968	117.191	ng	97
43) 2,4,6-Trichlorophenol	13.358	196	100064	58.365	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.429	196	108364	53.251	ng		96
46)	1,1'-Biphenyl	13.770	154	351200	53.187	ng		97
47)	2-Chloronaphthalene	13.823	162	284856	55.499	ng		97
48)	2-Nitroaniline	14.034	65	105766	56.744	ng		98
49)	Acenaphthylene	14.663	152	466624	54.968	ng		98
50)	Dimethylphthalate	14.375	163	389061	54.014	ng		96
51)	2,6-Dinitrotoluene	14.516	165	80471	55.430	ng		94
52)	Acenaphthene	14.992	154	257870	53.390	ng		98
53)	3-Nitroaniline	14.857	138	70264	41.122	ng		99
54)	2,4-Dinitrophenol	15.051	184	97638	121.354	ng		91
55)	Dibenzofuran	15.327	168	444367	53.043	ng		99
56)	4-Nitrophenol	15.127	139	156894	118.279	ng		97
57)	2,4-Dinitrotoluene	15.297	165	114392	58.428	ng		94
58)	Fluorene	15.973	166	363783	52.805	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.532	232	96070	57.012	ng		98
60)	Diethylphthalate	15.720	149	366707	51.195	ng		98
61)	4-Chlorophenyl-phenyle...	15.955	204	162381	52.112	ng		99
62)	4-Nitroaniline	16.020	138	89010m	52.073	ng		
63)	Azobenzene	16.255	77	367546	52.136	ng		98
65)	4,6-Dinitro-2-methylph...	16.044	198	65959	56.032	ng		94
66)	n-Nitrosodiphenylamine	16.179	169	322251	53.373	ng		97
67)	4-Bromophenyl-phenylether	16.854	248	103604	52.530	ng		94
68)	Hexachlorobenzene	16.948	284	113689	55.712	ng		98
69)	Atrazine	17.113	200	118099	60.734	ng		96
70)	Pentachlorophenol	17.301	266	144839	91.737	ng		98
71)	Phenanthrene	17.724	178	594218	55.074	ng		99
72)	Anthracene	17.818	178	606572	54.702	ng		99
73)	Carbazole	18.094	167	584751	55.614	ng		97
74)	Di-n-butylphthalate	18.599	149	687744	53.369	ng		99
75)	Fluoranthene	19.716	202	681105	53.663	ng		98
77)	Benzidine	19.904	184	212550	54.438	ng		99
78)	Pyrene	20.080	202	714855	54.935	ng		100
80)	Butylbenzylphthalate	20.944	149	293978	54.518	ng		94
81)	Benzo(a)anthracene	21.984	228	675500	54.023	ng		99
82)	3,3'-Dichlorobenzidine	21.896	252	206067	45.734	ng		98
83)	Chrysene	22.054	228	623047	51.986	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.819	149	436324	53.211	ng	#	100
85)	Di-n-octyl phthalate	23.147	149	759239	54.587	ng		99
87)	Indeno(1,2,3-cd)pyrene	29.681	276	770171	57.919	ng		94
88)	Benzo(b)fluoranthene	24.410	252	708875	59.437	ng		98
89)	Benzo(k)fluoranthene	24.487	252	685667	55.952	ng		98
90)	Benzo(a)pyrene	25.386	252	622973	53.207	ng		99
91)	Dibenzo(a,h)anthracene	29.769	278	629078	58.404	ng		95
92)	Benzo(g,h,i)perylene	30.985	276	617859	56.093	ng		99

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

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