Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121323\
Data File : BG060003.D
Acq On : 13 Dec 2023 19:25
Operator : MA/JU
Sample : PB157585BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 14 03:01:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 01:47:12 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB157585BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.954	152	66589	20.000	ng		0.00
21) Naphthalene-d8	10.757	136	249471	20.000	ng	#	0.00
39) Acenaphthene-d10	14.593	164	207732	20.000	ng		0.00
64) Phenanthrene-d10	17.343	188	684557	20.000	ng		0.00
76) Chrysene-d12	21.614	240	875478	20.000	ng		0.00
86) Perylene-d12	24.799	264	927428	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	504838	129.782	ng		0.00
7) Phenol-d6	7.114	99	679092	124.109	ng		0.00
23) Nitrobenzene-d5	9.117	82	433858	78.970	ng		0.00
42) 2,4,6-Tribromophenol	16.086	330	665661	137.501	ng		0.00
45) 2-Fluorobiphenyl	13.218	172	1304929	76.883	ng		0.00
79) Terphenyl-d14	19.963	244	3733163	77.851	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.430	88	46086	25.038	ng		95
3) Pyridine	3.818	79	110043	21.347	ng		90
4) n-Nitrosodimethylamine	3.735	42	73611	29.031	ng	#	87
6) Aniline	7.278	93	210803	37.824	ng		98
8) 2-Chlorophenol	7.519	128	156171	42.367	ng		96
9) Benzaldehyde	7.090	77	88970	26.741	ng		95
10) Phenol	7.137	94	246265	44.802	ng		97
11) bis(2-Chloroethyl)ether	7.372	93	152344	38.714	ng		99
12) 1,3-Dichlorobenzene	7.848	146	182922	37.109	ng		97
13) 1,4-Dichlorobenzene	7.989	146	185701	36.204	ng		95
14) 1,2-Dichlorobenzene	8.307	146	182540	36.989	ng		94
15) Benzyl Alcohol	8.189	79	196022	44.573	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.483	45	288111	40.915	ng		98
17) 2-Methylphenol	8.389	107	156085	42.592	ng		88
18) Hexachloroethane	9.041	117	55354	35.625	ng		99
19) n-Nitroso-di-n-propyla...	8.759	70	142778	40.445	ng		98
20) 3+4-Methylphenols	8.718	107	214035	41.813	ng		95
22) Acetophenone	8.777	105	281209	38.682	ng	#	92
24) Nitrobenzene	9.158	77	217534	39.001	ng		94
25) Isophorone	9.681	82	403302	38.355	ng	#	97
26) 2-Nitrophenol	9.869	139	88603	43.194	ng		98
27) 2,4-Dimethylphenol	9.928	122	164075	58.353	ng		92
28) bis(2-Chloroethoxy)met...	10.169	93	210140	38.707	ng		100
29) 2,4-Dichlorophenol	10.398	162	217908	43.149	ng		90
30) 1,2,4-Trichlorobenzene	10.621	180	255506	37.378	ng		96
31) Naphthalene	10.809	128	502567	38.698	ng		97
32) Benzoic acid	10.052	122	121598	47.542	ng		94
33) 4-Chloroaniline	10.915	127	132316	26.776	ng		98
34) Hexachlorobutadiene	11.097	225	222181	35.512	ng		98
35) Caprolactam	11.679	113	58448m	45.560	ng		
36) 4-Chloro-3-methylphenol	12.032	107	198674	43.257	ng		95
37) 2-Methylnaphthalene	12.419	142	396451	38.922	ng		99
38) 1-Methylnaphthalene	12.637	142	374233	37.194	ng		99
40) 1,2,4,5-Tetrachloroben...	12.784	216	436794	40.333	ng		100
41) Hexachlorocyclopentadiene	12.766	237	514935	115.082	ng		91
43) 2,4,6-Trichlorophenol	13.019	196	261463	43.059	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.095	196	292651	44.310	ng	96
46) 1,1'-Biphenyl	13.430	154	620777	40.295	ng	98
47) 2-Chloronaphthalene	13.471	162	515056	38.605	ng	97
48) 2-Nitroaniline	13.671	65	143859	49.950	ng	89
49) Acenaphthylene	14.317	152	765385	41.939	ng	95
50) Dimethylphthalate	14.053	163	691738	42.900	ng	98
51) 2,6-Dinitrotoluene	14.164	165	144164	43.161	ng	97
52) Acenaphthene	14.658	154	590658m	47.017	ng	
53) 3-Nitroaniline	14.493	138	94242	35.309	ng	97
54) 2,4-Dinitrophenol	14.699	184	251718	102.286	ng	93
55) Dibenzofuran	14.993	168	862675	42.190	ng	98
56) 4-Nitrophenol	14.799	139	222524	99.199	ng	89
57) 2,4-Dinitrotoluene	14.952	165	217541	46.331	ng	97
58) Fluorene	15.639	166	733901	42.564	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.216	232	334318	48.627	ng	97
60) Diethylphthalate	15.416	149	654293	44.101	ng	99
61) 4-Chlorophenyl-phenyle...	15.639	204	522633	42.087	ng	99
62) 4-Nitroaniline	15.663	138	136381	46.924	ng	91
63) Azobenzene	15.927	77	620463	42.418	ng	97
65) 4,6-Dinitro-2-methylph...	15.716	198	194720	45.367	ng	93
66) n-Nitrosodiphenylamine	15.851	169	689495	41.229	ng	99
67) 4-Bromophenyl-phenylether	16.532	248	387286	40.098	ng	99
68) Hexachlorobenzene	16.644	284	438384	38.826	ng	98
70) Pentachlorophenol	16.985	266	610798	83.503	ng	97
71) Phenanthrene	17.384	178	1385907	41.797	ng	98
72) Anthracene	17.478	178	1409112	42.267	ng	98
73) Carbazole	17.743	167	1202016	42.429	ng	99
74) Di-n-butylphthalate	18.312	149	1119759	43.327	ng	99
75) Fluoranthene	19.399	202	2036314	42.085	ng	97
77) Benzidine	19.576	184	564634	50.211	ng	98
78) Pyrene	19.764	202	2094819	39.473	ng	98
80) Butylbenzylphthalate	20.657	149	421205	44.192	ng	97
81) Benzo(a)anthracene	21.597	228	2425169	41.239	ng	100
82) 3,3'-Dichlorobenzidine	21.509	252	826532	42.712	ng	100
83) Chrysene	21.661	228	2267021	40.690	ng	99
84) Bis(2-ethylhexyl)phtha...	21.515	149	637673	44.140	ng	98
85) Di-n-octyl phthalate	22.719	149	1122022	44.900	ng	99
87) Indeno(1,2,3-cd)pyrene	28.436	276	3001903	45.354	ng	100
88) Benzo(b)fluoranthene	23.794	252	2544784m	44.429	ng	
89) Benzo(k)fluoranthene	23.859	252	2506310	45.112	ng	100
90) Benzo(a)pyrene	24.652	252	2231964	43.983	ng	100
91) Dibenzo(a,h)anthracene	28.512	278	2559731	46.249	ng	98
92) Benzo(g,h,i)perylene	29.576	276	2463195	44.742	ng	99

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

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