Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060823\
Data File : BG057673.D
Acq On : 8 Jun 2023 15:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG060823

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 09 00:51:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 09 00:44:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.316	152	6175	20.000	ng		0.00
21) Naphthalene-d8	11.148	136	23222	20.000	ng	#	0.00
39) Acenaphthene-d10	14.932	164	15500	20.000	ng		0.00
64) Phenanthrene-d10	17.670	188	37169	20.000	ng		0.00
76) Chrysene-d12	21.965	240	33386	20.000	ng		0.00
86) Perylene-d12	25.432	264	39096	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.831	112	29074	97.844	ng		0.00
7) Phenol-d6	7.465	99	41035	83.976	ng		0.00
23) Nitrobenzene-d5	9.497	82	42169	80.502	ng		0.00
42) 2,4,6-Tribromophenol	16.419	330	20744	91.127	ng		0.00
45) 2-Fluorobiphenyl	13.557	172	93289	80.772	ng		0.00
79) Terphenyl-d14	20.238	244	155306	80.048	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.622	88	5672	30.170	ng	#	89
3) Pyridine	4.051	79	16043	39.703	ng	#	89
4) n-Nitrosodimethylamine	3.957	42	14657	49.572	ng	#	72
6) Aniline	7.629	93	25292	39.851	ng		94
8) 2-Chlorophenol	7.876	128	14939	40.204	ng		97
9) Benzaldehyde	7.441	77	11853	41.778	ng		90
10) Phenol	7.488	94	19409	41.331	ng	#	77
11) bis(2-Chloroethyl)ether	7.717	93	13935	37.859	ng		97
12) 1,3-Dichlorobenzene	8.205	146	16304	41.315	ng		96
13) 1,4-Dichlorobenzene	8.352	146	16722	40.083	ng		98
14) 1,2-Dichlorobenzene	8.675	146	15291	38.149	ng		96
15) Benzyl Alcohol	8.551	79	16826	42.303	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.828	45	26892	35.170	ng		98
17) 2-Methylphenol	8.757	107	14065	38.453	ng	#	92
18) Hexachloroethane	9.409	117	6468	40.987	ng		90
19) n-Nitroso-di-n-propyla...	9.116	70	13252	38.341	ng	#	73
20) 3+4-Methylphenols	9.086	107	19024	37.920	ng		85
22) Acetophenone	9.145	105	25050	38.643	ng	#	86
24) Nitrobenzene	9.539	77	20097	39.283	ng	#	96
25) Isophorone	10.056	82	36044	39.350	ng	#	95
26) 2-Nitrophenol	10.255	139	8861	42.535	ng	#	83
27) 2,4-Dimethylphenol	10.296	122	15448	40.566	ng		95
28) bis(2-Chloroethoxy)met...	10.526	93	18109	37.573	ng		97
29) 2,4-Dichlorophenol	10.796	162	14589	41.979	ng		98
30) 1,2,4-Trichlorobenzene	11.007	180	16945	40.456	ng		99
31) Naphthalene	11.201	128	50701	40.157	ng		99
32) Benzoic acid	10.455	122	5601m	29.858	ng		
33) 4-Chloroaniline	11.307	127	21333	38.823	ng	#	95
34) Hexachlorobutadiene	11.466	225	12069	41.875	ng		89
35) Caprolactam	12.077	113	4490	41.687	ng	#	90
36) 4-Chloro-3-methylphenol	12.412	107	18239	43.899	ng		94
37) 2-Methylnaphthalene	12.782	142	36224	41.974	ng	#	95
38) 1-Methylnaphthalene	12.999	142	34618	43.022	ng	#	97
40) 1,2,4,5-Tetrachloroben...	13.146	216	20380	40.784	ng		98
41) Hexachlorocyclopentadiene	13.111	237	4188	43.936	ng		97
43) 2,4,6-Trichlorophenol	13.381	196	12744	41.663	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.463	196	14720	41.186	ng		94
46) 1,1'-Biphenyl	13.769	154	45596	39.759	ng		94
47) 2-Chloronaphthalene	13.822	162	34336	40.299	ng		98
48) 2-Nitroaniline	14.022	65	15336	44.040	ng	#	85
49) Acenaphthylene	14.662	152	56621	39.401	ng		98
50) Dimethylphthalate	14.368	163	47824	40.301	ng		99
51) 2,6-Dinitrotoluene	14.503	165	10155	40.092	ng	#	72
52) Acenaphthene	14.997	154	34347	40.577	ng		98
53) 3-Nitroaniline	14.838	138	10419	40.256	ng		98
54) 2,4-Dinitrophenol	15.061	184	4885	50.803	ng	#	76
55) Dibenzofuran	15.326	168	56373	40.951	ng		93
56) 4-Nitrophenol	15.156	139	5905	40.084	ng	#	63
57) 2,4-Dinitrotoluene	15.297	165	14861	43.110	ng	#	75
58) Fluorene	15.972	166	47332	42.692	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.555	232	13285	46.016	ng		97
60) Diethylphthalate	15.714	149	50123	42.125	ng		99
61) 4-Chlorophenyl-phenyle...	15.949	204	26060	41.931	ng		93
62) 4-Nitroaniline	16.002	138	10515	41.173	ng	#	35
63) Azobenzene	16.242	77	47857	40.805	ng		85
65) 4,6-Dinitro-2-methylph...	16.066	198	8457	36.224	ng		91
66) n-Nitrosodiphenylamine	16.166	169	41641	33.753	ng		100
67) 4-Bromophenyl-phenylether	16.842	248	17361	37.253	ng		98
68) Hexachlorobenzene	16.977	284	17869	40.131	ng		98
69) Atrazine	17.100	200	15168	38.995	ng		99
70) Pentachlorophenol	17.329	266	7204m	39.950	ng		
71) Phenanthrene	17.711	178	73457	37.722	ng		98
72) Anthracene	17.805	178	76080	37.726	ng		98
73) Carbazole	18.070	167	66876	35.852	ng		99
74) Di-n-butylphthalate	18.587	149	82359	32.805	ng	#	96
75) Fluoranthene	19.703	202	91313	38.866	ng		99
77) Benzidine	19.874	184	36771	43.467	ng		98
78) Pyrene	20.062	202	90619	37.511	ng		99
80) Butylbenzylphthalate	20.908	149	36852	41.865	ng		99
81) Benzo(a)anthracene	21.948	228	94635	40.234	ng		98
82) 3,3'-Dichlorobenzidine	21.842	252	34350	41.209	ng		96
83) Chrysene	22.018	228	87104	39.155	ng		98
84) Bis(2-ethylhexyl)phtha...	21.783	149	51610	39.129	ng		97
85) Di-n-octyl phthalate	23.064	149	88352	38.793	ng		99
87) Indeno(1,2,3-cd)pyrene	29.445	276	108274	41.289	ng	#	91
88) Benzo(b)fluoranthene	24.315	252	93907	40.895	ng		99
89) Benzo(k)fluoranthene	24.398	252	94031m	40.301	ng		
90) Benzo(a)pyrene	25.267	252	90282	40.446	ng	#	99
91) Dibenzo(a,h)anthracene	29.480	278	92138	42.036	ng		97
92) Benzo(g,h,i)perylene	30.696	276	89064	41.598	ng	#	95

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

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