Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053123\
Data File : BG057619.D
Acq On : 31 May 2023 12:32
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
06/01/2023
Supervised By :mohammad ahmed
06/01/2023

Quant Time: Jun 01 03:52:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 03:51:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.334	152	19429	20.000	ng		0.00
21) Naphthalene-d8	11.177	136	82781	20.000	ng	#	0.00
39) Acenaphthene-d10	14.960	164	66589	20.000	ng		0.00
64) Phenanthrene-d10	17.698	188	171350	20.000	ng		0.00
76) Chrysene-d12	22.003	240	139090	20.000	ng		0.00
86) Perylene-d12	25.499	264	152364	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.855	112	90802	81.194	ng		0.00
7) Phenol-d6	7.488	99	147623	84.347	ng		0.00
23) Nitrobenzene-d5	9.520	82	143091	80.803	ng		0.00
42) 2,4,6-Tribromophenol	16.446	330	83341	78.173	ng		0.00
45) 2-Fluorobiphenyl	13.580	172	375180	80.971	ng		0.00
79) Terphenyl-d14	20.265	244	665029	82.822	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.640	88	17787	38.388	ng		96
3) Pyridine	4.069	79	58471	41.276	ng		99
4) n-Nitrosodimethylamine	3.981	42	23623	41.216	ng		88
6) Aniline	7.652	93	88067	41.594	ng		97
8) 2-Chlorophenol	7.899	128	49489	41.219	ng		93
9) Benzaldehyde	7.464	77	46001	39.671	ng		92
10) Phenol	7.511	94	69829	42.154	ng		99
11) bis(2-Chloroethyl)ether	7.740	93	51368	41.529	ng		94
12) 1,3-Dichlorobenzene	8.228	146	51902	40.577	ng		98
13) 1,4-Dichlorobenzene	8.375	146	52926	40.671	ng		98
14) 1,2-Dichlorobenzene	8.698	146	51267	40.390	ng		97
15) Benzyl Alcohol	8.575	79	56854	42.229	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.857	45	63792m	41.534	ng		
17) 2-Methylphenol	8.780	107	50788	41.750	ng		99
18) Hexachloroethane	9.432	117	18898	42.412	ng		93
19) n-Nitroso-di-n-propyla...	9.139	70	51797	42.599	ng		98
20) 3+4-Methylphenols	9.115	107	72688	42.565	ng		97
22) Acetophenone	9.168	105	90443	40.859	ng	#	95
24) Nitrobenzene	9.561	77	72838	40.520	ng		96
25) Isophorone	10.078	82	147986	42.516	ng		99
26) 2-Nitrophenol	10.284	139	31281	40.586	ng		96
27) 2,4-Dimethylphenol	10.325	122	56689	42.543	ng		96
28) bis(2-Chloroethoxy)met...	10.554	93	77188	42.766	ng		99
29) 2,4-Dichlorophenol	10.830	162	59327	42.390	ng		98
30) 1,2,4-Trichlorobenzene	11.036	180	61140	40.084	ng		99
31) Naphthalene	11.230	128	180033	41.112	ng		98
32) Benzoic acid	10.478	122	29340m	39.181	ng		
33) 4-Chloroaniline	11.336	127	84993	42.206	ng		96
34) Hexachlorobutadiene	11.494	225	42676	40.451	ng		97
35) Caprolactam	12.111	113	22859	39.400	ng		98
36) 4-Chloro-3-methylphenol	12.440	107	70254	42.409	ng		100
37) 2-Methylnaphthalene	12.810	142	144411	42.018	ng		97
38) 1-Methylnaphthalene	13.027	142	135504	41.315	ng		99
40) 1,2,4,5-Tetrachloroben...	13.174	216	88179	40.344	ng		99
41) Hexachlorocyclopentadiene	13.139	237	10366	33.300	ng		95
43) 2,4,6-Trichlorophenol	13.409	196	56912	41.360	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.491	196	66639	40.663	ng		98
46) 1,1'-Biphenyl	13.791	154	193073	40.568	ng		98
47) 2-Chloronaphthalene	13.850	162	145059	40.466	ng		97
48) 2-Nitroaniline	14.050	65	51565	41.066	ng		96
49) Acenaphthylene	14.690	152	246774	40.653	ng		99
50) Dimethylphthalate	14.396	163	215876	39.335	ng		98
51) 2,6-Dinitrotoluene	14.531	165	48410	41.206	ng		96
52) Acenaphthene	15.025	154	149609	40.279	ng		94
53) 3-Nitroaniline	14.866	138	50086	40.874	ng	#	92
54) 2,4-Dinitrophenol	15.089	184	22848	36.685	ng		96
55) Dibenzofuran	15.354	168	254694	40.130	ng		99
56) 4-Nitrophenol	15.183	139	31116	38.112	ng		91
57) 2,4-Dinitrotoluene	15.324	165	69372	39.438	ng		99
58) Fluorene	16.000	166	211230	39.418	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.583	232	58087	37.834	ng		96
60) Diethylphthalate	15.741	149	224735	39.233	ng		100
61) 4-Chlorophenyl-phenyle...	15.976	204	119255	39.931	ng		98
62) 4-Nitroaniline	16.023	138	50999	38.582	ng		99
63) Azobenzene	16.270	77	206344	40.505	ng		99
65) 4,6-Dinitro-2-methylph...	16.088	198	42110	40.362	ng		94
66) n-Nitrosodiphenylamine	16.194	169	188934	42.423	ng		98
67) 4-Bromophenyl-phenylether	16.869	248	81034	42.159	ng		98
68) Hexachlorobenzene	17.004	284	80920	40.842	ng		98
69) Atrazine	17.122	200	74510	38.968	ng		96
70) Pentachlorophenol	17.357	266	39156	38.786	ng		97
71) Phenanthrene	17.744	178	354032	40.375	ng		99
72) Anthracene	17.833	178	359917	40.011	ng		99
73) Carbazole	18.097	167	318595	39.591	ng		100
74) Di-n-butylphthalate	18.614	149	368378	38.561	ng		99
75) Fluoranthene	19.730	202	421566	37.033	ng		99
77) Benzidine	19.895	184	179218	42.581	ng		99
78) Pyrene	20.094	202	420356	42.445	ng		99
80) Butylbenzylphthalate	20.940	149	151545	42.016	ng		99
81) Benzo(a)anthracene	21.980	228	387553	40.163	ng		99
82) 3,3'-Dichlorobenzidine	21.874	252	144554	40.623	ng		97
83) Chrysene	22.056	228	369694	40.541	ng		99
84) Bis(2-ethylhexyl)phtha...	21.821	149	211599	41.128	ng		100
85) Di-n-octyl phthalate	23.108	149	355545	41.692	ng		100
87) Indeno(1,2,3-cd)pyrene	29.552	276	428641	40.351	ng		99
88) Benzo(b)fluoranthene	24.377	252	373988	39.877	ng		99
89) Benzo(k)fluoranthene	24.447	252	375591	39.682	ng		99
90) Benzo(a)pyrene	25.328	252	364783	39.884	ng		100
91) Dibenzo(a,h)anthracene	29.593	278	356512	40.325	ng		99
92) Benzo(g,h,i)perylene	30.809	276	348481	40.417	ng		98

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

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