Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081123\
Data File : BG058702.D
Acq On : 11 Aug 2023 14:31
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023

Quant Time: Aug 11 15:05:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.812	152	50597	20.000	ng		0.00
21) Naphthalene-d8	10.614	136	213834	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	149495	20.000	ng		0.00
64) Phenanthrene-d10	17.207	188	362253	20.000	ng		0.00
76) Chrysene-d12	21.455	240	323384	20.000	ng		0.00
86) Perylene-d12	24.522	264	408113	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.379	112	247655	74.813	ng		0.00
7) Phenol-d6	6.983	99	360763	78.320	ng		0.00
23) Nitrobenzene-d5	8.975	82	338940	77.867	ng		0.00
42) 2,4,6-Tribromophenol	15.955	330	186891	76.272	ng		0.00
45) 2-Fluorobiphenyl	13.082	172	750561	75.239	ng		0.00
79) Terphenyl-d14	19.827	244	1290056	75.019	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.270	88	57648	35.938	ng		97
3) Pyridine	3.670	79	162518	37.161	ng		96
4) n-Nitrosodimethylamine	3.587	42	73931	39.898	ng		95
6) Aniline	7.136	93	225307	39.728	ng		97
8) 2-Chlorophenol	7.377	128	126920	39.082	ng		97
9) Benzaldehyde	6.948	77	92850m	37.102	ng		
10) Phenol	7.013	94	177809	39.517	ng		98
11) bis(2-Chloroethyl)ether	7.236	93	136887	38.589	ng		97
12) 1,3-Dichlorobenzene	7.700	146	128551	37.070	ng		97
13) 1,4-Dichlorobenzene	7.847	146	129244	37.119	ng		96
14) 1,2-Dichlorobenzene	8.164	146	125543	37.712	ng		97
15) Benzyl Alcohol	8.053	79	133623	45.743	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.335	45	233519	40.526	ng		98
17) 2-Methylphenol	8.258	107	132186	40.178	ng		99
18) Hexachloroethane	8.893	117	47965	37.900	ng		93
19) n-Nitroso-di-n-propyla...	8.617	70	120009	40.335	ng		98
20) 3+4-Methylphenols	8.587	107	184325	41.419	ng		98
22) Acetophenone	8.634	105	222509	38.862	ng	#	99
24) Nitrobenzene	9.022	77	171397	38.732	ng		98
25) Isophorone	9.539	82	350432	38.964	ng		99
26) 2-Nitrophenol	9.727	139	76666	39.800	ng		99
27) 2,4-Dimethylphenol	9.792	122	125951	39.419	ng		99
28) bis(2-Chloroethoxy)met...	10.021	93	191211	39.067	ng		100
29) 2,4-Dichlorophenol	10.268	162	128387	38.699	ng		100
30) 1,2,4-Trichlorobenzene	10.473	180	145344	37.989	ng		98
31) Naphthalene	10.661	128	423988	37.620	ng		100
32) Benzoic acid	9.956	122	71128	30.950	ng		96
33) 4-Chloroaniline	10.779	127	195066	40.965	ng		99
34) Hexachlorobutadiene	10.943	225	92713	37.629	ng		98
35) Caprolactam	11.560	113	47071	38.422	ng		91
36) 4-Chloro-3-methylphenol	11.913	107	161415	39.332	ng		99
37) 2-Methylnaphthalene	12.277	142	308703	38.292	ng		99
38) 1-Methylnaphthalene	12.500	142	289775	37.813	ng		99
40) 1,2,4,5-Tetrachloroben...	12.647	216	172553	37.596	ng		99
41) Hexachlorocyclopentadiene	12.624	237	86685	44.014	ng		97
43) 2,4,6-Trichlorophenol	12.894	196	117852	37.332	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.971	196	137948	37.100	ng		98
46) 1,1'-Biphenyl	13.294	154	389563	37.945	ng		100
47) 2-Chloronaphthalene	13.335	162	303915	37.966	ng		98
48) 2-Nitroaniline	13.546	65	122896	40.222	ng		98
49) Acenaphthylene	14.181	152	508054	37.909	ng		99
50) Dimethylphthalate	13.922	163	430703	38.362	ng		98
51) 2,6-Dinitrotoluene	14.046	165	94816	38.488	ng		98
52) Acenaphthene	14.528	154	290050	37.455	ng		98
53) 3-Nitroaniline	14.375	138	98886	40.121	ng		96
54) 2,4-Dinitrophenol	14.592	184	43736	36.032	ng		99
55) Dibenzofuran	14.862	168	502506	37.764	ng		98
56) 4-Nitrophenol	14.692	139	64702	37.280	ng		95
57) 2,4-Dinitrotoluene	14.833	165	136757	40.042	ng		95
58) Fluorene	15.509	166	397344	37.589	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	119154	37.554	ng		98
60) Diethylphthalate	15.280	149	438294	38.319	ng		99
61) 4-Chlorophenyl-phenyle...	15.503	204	224395	38.076	ng		97
62) 4-Nitroaniline	15.544	138	99500	42.616	ng		98
63) Azobenzene	15.797	77	429962	38.165	ng		98
65) 4,6-Dinitro-2-methylph...	15.603	198	80547	40.325	ng		99
66) n-Nitrosodiphenylamine	15.720	169	355021	37.654	ng		98
67) 4-Bromophenyl-phenylether	16.396	248	154114	37.509	ng		99
68) Hexachlorobenzene	16.513	284	165659	38.049	ng		99
69) Atrazine	16.666	200	120072	37.725	ng		99
70) Pentachlorophenol	16.866	266	96956	36.792	ng		97
71) Phenanthrene	17.248	178	643743	37.471	ng		99
72) Anthracene	17.342	178	661050	37.501	ng		99
73) Carbazole	17.612	167	605712	38.966	ng		100
74) Di-n-butylphthalate	18.164	149	754151	38.733	ng		99
75) Fluoranthene	19.263	202	795709	38.559	ng		100
77) Benzidine	19.451	184	239021	48.742	ng		98
78) Pyrene	19.627	202	816724	37.110	ng		99
80) Butylbenzylphthalate	20.515	149	344693	38.130	ng		99
81) Benzo(a)anthracene	21.431	228	852654	38.313	ng		98
82) 3,3'-Dichlorobenzidine	21.355	252	301886	40.120	ng		99
83) Chrysene	21.496	228	807964	37.865	ng		100
84) Bis(2-ethylhexyl)phtha...	21.337	149	498719	37.752	ng	#	99
85) Di-n-octyl phthalate	22.483	149	883002	38.018	ng		99
87) Indeno(1,2,3-cd)pyrene	28.029	276	1049580	38.658	ng		100
88) Benzo(b)fluoranthene	23.546	252	856611	38.699	ng		100
89) Benzo(k)fluoranthene	23.617	252	867228	38.999	ng		99
90) Benzo(a)pyrene	24.381	252	843668	38.811	ng		99
91) Dibenzo(a,h)anthracene	28.082	278	871243	38.809	ng		99
92) Benzo(g,h,i)perylene	29.128	276	865175	38.433	ng		99

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

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