Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
Data File : BG055658.D
Acq On : 17 Nov 2022 9:25
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Nov 18 03:10:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.254	152	34034	20.000	ng		0.00
21) Naphthalene-d8	11.086	136	139303	20.000	ng		0.00
39) Acenaphthene-d10	14.875	164	103259	20.000	ng		0.00
64) Phenanthrene-d10	17.619	188	254930	20.000	ng		0.00
76) Chrysene-d12	21.920	240	250590	20.000	ng		0.00
86) Perylene-d12	25.328	264	268197	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.780	112	151981	80.716	ng		0.00
7) Phenol-d6	7.390	99	204062	81.414	ng		0.00
23) Nitrobenzene-d5	9.423	82	216243	82.048	ng		0.00
42) 2,4,6-Tribromophenol	16.356	330	123256	84.769	ng		0.00
45) 2-Fluorobiphenyl	13.500	172	547048	79.368	ng		0.00
79) Terphenyl-d14	20.204	244	1002542	80.020	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.618	88	31593	39.262	ng		98
3) Pyridine	4.029	79	101412	41.082	ng		98
4) n-Nitrosodimethylamine	3.941	42	55297	42.311	ng		99
6) Aniline	7.566	93	128800	40.912	ng		100
8) 2-Chlorophenol	7.813	128	87744	40.764	ng		97
9) Benzaldehyde	7.378	77	68052	39.978	ng		99
10) Phenol	7.419	94	115037	40.990	ng		98
11) bis(2-Chloroethyl)ether	7.660	93	85500	39.754	ng		98
12) 1,3-Dichlorobenzene	8.142	146	99771	39.424	ng		98
13) 1,4-Dichlorobenzene	8.289	146	101717	39.775	ng		99
14) 1,2-Dichlorobenzene	8.612	146	97017	39.589	ng		96
15) Benzyl Alcohol	8.483	79	85321	41.885	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.777	45	156036	40.076	ng		99
17) 2-Methylphenol	8.683	107	81382	40.844	ng		98
18) Hexachloroethane	9.352	117	35453	40.279	ng		96
19) n-Nitroso-di-n-propyla...	9.059	70	77525	40.256	ng		99
20) 3+4-Methylphenols	9.012	107	115999	41.676	ng		99
22) Acetophenone	9.082	105	144195	39.835	ng	#	99
24) Nitrobenzene	9.470	77	113194	41.118	ng		98
25) Isophorone	9.987	82	203905	40.832	ng		98
26) 2-Nitrophenol	10.181	139	54048	42.529	ng		94
27) 2,4-Dimethylphenol	10.228	122	79249	40.973	ng		96
28) bis(2-Chloroethoxy)met...	10.469	93	107878	40.240	ng		98
29) 2,4-Dichlorophenol	10.721	162	95874	41.413	ng		98
30) 1,2,4-Trichlorobenzene	10.939	180	108289	40.263	ng		97
31) Naphthalene	11.133	128	299773	39.808	ng		99
32) Benzoic acid	10.357	122	68453	43.017	ng		94
33) 4-Chloroaniline	11.233	127	127437	41.024	ng		99
34) Hexachlorobutadiene	11.415	225	74802	40.730	ng		96
35) Caprolactam	12.008	113	33252	41.507	ng		96
36) 4-Chloro-3-methylphenol	12.331	107	107289	42.166	ng		97
37) 2-Methylnaphthalene	12.719	142	227944	40.427	ng		97
38) 1-Methylnaphthalene	12.936	142	221501	40.466	ng		98
40) 1,2,4,5-Tetrachloroben...	13.083	216	132358	40.789	ng		100
41) Hexachlorocyclopentadiene	13.060	237	69112	42.258	ng		98
43) 2,4,6-Trichlorophenol	13.312	196	91421	41.301	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.389	196	102939	42.318	ng	96
46) 1,1'-Biphenyl	13.712	154	296136	39.355	ng	98
47) 2-Chloronaphthalene	13.759	162	233724	39.962	ng	99
48) 2-Nitroaniline	13.953	65	81052	42.151	ng	99
49) Acenaphthylene	14.605	152	385399	40.016	ng	99
50) Dimethylphthalate	14.317	163	336215	40.845	ng	99
51) 2,6-Dinitrotoluene	14.441	165	71066	42.224	ng	98
52) Acenaphthene	14.940	154	254928	40.500	ng	98
53) 3-Nitroaniline	14.770	138	76827	41.582	ng	97
54) 2,4-Dinitrophenol	14.975	184	42862	44.293	ng	95
55) Dibenzofuran	15.275	168	387108	39.865	ng	99
56) 4-Nitrophenol	15.063	139	62045	42.787	ng	99
57) 2,4-Dinitrotoluene	15.228	165	103084	43.441	ng	93
58) Fluorene	15.921	166	311141	40.118	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.492	232	99168	42.074	ng	99
60) Diethylphthalate	15.669	149	336970	40.491	ng	99
61) 4-Chlorophenyl-phenyle...	15.904	204	173055	40.592	ng	99
62) 4-Nitroaniline	15.933	138	80772	41.821	ng	96
63) Azobenzene	16.197	77	289342	39.824	ng	99
65) 4,6-Dinitro-2-methylph...	15.986	198	62091	43.619	ng	98
66) n-Nitrosodiphenylamine	16.115	169	278162	39.592	ng	99
67) 4-Bromophenyl-phenylether	16.797	248	115671	39.823	ng	98
68) Hexachlorobenzene	16.920	284	129831	40.311	ng	97
69) Atrazine	17.055	200	110935	39.925	ng	98
70) Pentachlorophenol	17.261	266	83824	42.545	ng	97
71) Phenanthrene	17.660	178	544970	39.614	ng	99
72) Anthracene	17.748	178	528162	39.513	ng	99
73) Carbazole	18.013	167	478629	39.831	ng	100
74) Di-n-butylphthalate	18.553	149	598182	40.090	ng	100
75) Fluoranthene	19.658	202	655477	39.164	ng	100
77) Benzidine	19.822	184	252239	43.510	ng	99
78) Pyrene	20.016	202	665108	39.212	ng	100
80) Butylbenzylphthalate	20.886	149	266301	40.104	ng	98
81) Benzo(a)anthracene	21.896	228	687005	39.804	ng	99
82) 3,3'-Dichlorobenzidine	21.802	252	241472	39.816	ng	96
83) Chrysene	21.967	228	657526	40.017	ng	98
84) Bis(2-ethylhexyl)phtha...	21.773	149	379278	39.744	ng	99
85) Di-n-octyl phthalate	23.054	149	652947	39.982	ng	99
87) Indeno(1,2,3-cd)pyrene	29.264	276	820562	37.347	ng	99
88) Benzo(b)fluoranthene	24.241	252	678493	38.846	ng	99
89) Benzo(k)fluoranthene	24.311	252	690997	39.688	ng	99
90) Benzo(a)pyrene	25.169	252	589037	39.299	ng	100
91) Dibenzo(a,h)anthracene	29.335	278	680552	37.904	ng	99
92) Benzo(g,h,i)perylene	30.504	276	664301	36.710	ng	98

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

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