Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057701.D
Acq On : 14 Jun 2023 10:06
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jun 15 01:19:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 03:52:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	27315	20.000	ng		0.00
21) Naphthalene-d8	10.743	136	123855	20.000	ng		0.00
39) Acenaphthene-d10	14.574	164	86882	20.000	ng		0.00
64) Phenanthrene-d10	17.318	188	211037	20.000	ng		0.00
76) Chrysene-d12	21.578	240	168973	20.000	ng		0.00
86) Perylene-d12	24.739	264	211926	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.508	112	133609	79.647	ng		0.00
7) Phenol-d6	7.095	99	211196	81.952	ng		0.00
23) Nitrobenzene-d5	9.104	82	151673	77.558	ng		0.00
42) 2,4,6-Tribromophenol	16.061	330	78053	80.525	ng		0.00
45) 2-Fluorobiphenyl	13.199	172	453189	77.752	ng		0.00
79) Terphenyl-d14	19.932	244	720593	78.845	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.416	88	31333	36.688	ng		95
3) Pyridine	3.810	79	98512	40.747	ng		95
4) n-Nitrosodimethylamine	3.728	42	44941	38.113	ng		84
6) Aniline	7.265	93	136401	40.341	ng		98
8) 2-Chlorophenol	7.500	128	68270	42.446	ng		99
9) Benzaldehyde	7.077	77	59751	37.616	ng		99
10) Phenol	7.118	94	103494	41.098	ng		99
11) bis(2-Chloroethyl)ether	7.359	93	78170	39.605	ng		95
12) 1,3-Dichlorobenzene	7.829	146	71236	38.288	ng		99
13) 1,4-Dichlorobenzene	7.976	146	72452	39.277	ng		98
14) 1,2-Dichlorobenzene	8.293	146	71615	39.956	ng		98
15) Benzyl Alcohol	8.176	79	79741	40.402	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.469	45	165680	38.551	ng		99
17) 2-Methylphenol	8.375	107	76167	41.103	ng		94
18) Hexachloroethane	9.028	117	24113	42.299	ng		98
19) n-Nitroso-di-n-propyla...	8.746	70	75163	40.337	ng		97
20) 3+4-Methylphenols	8.704	107	104187	41.121	ng		98
22) Acetophenone	8.757	105	136209	37.855	ng	#	97
24) Nitrobenzene	9.145	77	84804	39.040	ng		97
25) Isophorone	9.662	82	219720	38.274	ng		99
26) 2-Nitrophenol	9.856	139	19762	42.271	ng	#	93
27) 2,4-Dimethylphenol	9.909	122	76449	39.881	ng		97
28) bis(2-Chloroethoxy)met...	10.150	93	117031	39.216	ng		99
29) 2,4-Dichlorophenol	10.385	162	71044	43.690	ng		97
30) 1,2,4-Trichlorobenzene	10.602	180	80919	38.287	ng		97
31) Naphthalene	10.796	128	255538	38.389	ng		98
32) Benzoic acid	10.026	122	36366	48.546	ng		95
33) 4-Chloroaniline	10.896	127	119030	38.408	ng		97
34) Hexachlorobutadiene	11.078	225	49256	37.060	ng		98
35) Caprolactam	11.672	113	29238	43.587	ng		93
36) 4-Chloro-3-methylphenol	12.012	107	95923	41.639	ng		99
37) 2-Methylnaphthalene	12.400	142	188744	38.327	ng		98
38) 1-Methylnaphthalene	12.617	142	176510	38.206	ng		98
40) 1,2,4,5-Tetrachloroben...	12.764	216	94880	38.578	ng		99
41) Hexachlorocyclopentadiene	12.747	237	41097	43.811	ng		95
43) 2,4,6-Trichlorophenol	12.999	196	63610	40.521	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.070	196	78033	41.908	ng	99
46) 1,1'-Biphenyl	13.411	154	237570	39.576	ng	98
47) 2-Chloronaphthalene	13.452	162	178927	39.437	ng	98
48) 2-Nitroaniline	13.652	65	49754	42.891	ng	96
49) Acenaphthylene	14.298	152	314307	39.946	ng	99
50) Dimethylphthalate	14.033	163	262366	41.186	ng	99
51) 2,6-Dinitrotoluene	14.145	165	39827	44.223	ng	97
52) Acenaphthene	14.639	154	187868	39.832	ng	98
53) 3-Nitroaniline	14.474	138	46786	43.963	ng	94
54) 2,4-Dinitrophenol	14.674	184	12099	43.581	ng	92
55) Dibenzofuran	14.974	168	311272	39.318	ng	99
56) 4-Nitrophenol	14.768	139	36571	43.911	ng	98
57) 2,4-Dinitrotoluene	14.932	165	51121	43.771	ng	97
58) Fluorene	15.620	166	242818	38.503	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.191	232	63456	40.967	ng	98
60) Diethylphthalate	15.397	149	270513	41.137	ng	98
61) 4-Chlorophenyl-phenyle...	15.614	204	130204	38.537	ng	96
62) 4-Nitroaniline	15.637	138	49736	41.793	ng	98
63) Azobenzene	15.908	77	279130	39.477	ng	99
65) 4,6-Dinitro-2-methylph...	15.690	198	19305	42.968	ng	96
66) n-Nitrosodiphenylamine	15.825	169	214759	38.929	ng	98
67) 4-Bromophenyl-phenylether	16.507	248	77353	35.997	ng	99
68) Hexachlorobenzene	16.619	284	85905	38.253	ng	98
69) Atrazine	16.771	200	74188	40.420	ng	99
70) Pentachlorophenol	16.959	266	57916	42.957	ng	98
71) Phenanthrene	17.359	178	393677	38.228	ng	99
72) Anthracene	17.453	178	403912	38.717	ng	99
73) Carbazole	17.717	167	368822	38.174	ng	99
74) Di-n-butylphthalate	18.287	149	453401	42.338	ng	99
75) Fluoranthene	19.368	202	469266	37.826	ng	99
77) Benzidine	19.551	184	185530	46.058	ng	98
78) Pyrene	19.733	202	475131	39.520	ng	100
80) Butylbenzylphthalate	20.626	149	173274	40.318	ng	99
81) Benzo(a)anthracene	21.554	228	461283	39.530	ng	99
82) 3,3'-Dichlorobenzidine	21.472	252	157096	41.331	ng	100
83) Chrysene	21.619	228	442430	39.839	ng	99
84) Bis(2-ethylhexyl)phtha...	21.478	149	263150	44.428	ng	99
85) Di-n-octyl phthalate	22.676	149	453083	44.362	ng	99
87) Indeno(1,2,3-cd)pyrene	28.346	276	532058	38.801	ng	98
88) Benzo(b)fluoranthene	23.734	252	450074	39.148	ng	99
89) Benzo(k)fluoranthene	23.804	252	458193	38.427	ng	98
90) Benzo(a)pyrene	24.592	252	443872	39.267	ng	99
91) Dibenzo(a,h)anthracene	28.411	278	444757	39.250	ng	99
92) Benzo(g,h,i)perylene	29.468	276	443185	39.185	ng	99

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

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