Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057767.D
Acq On : 20 Jun 2023 8:35
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jun 20 09:13:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 03:40:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	32492	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	145379	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	105774	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	252445	20.000	ng	0.00
76) Chrysene-d12	21.555	240	206316	20.000	ng	0.00
86) Perylene-d12	24.704	264	257284	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	172742	81.975	ng	0.00
7) Phenol-d6	7.084	99	264092	82.134	ng	0.00
23) Nitrobenzene-d5	9.087	82	234474	82.777	ng	0.00
42) 2,4,6-Tribromophenol	16.050	330	123001	83.480	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	556927	79.860	ng	0.00
79) Terphenyl-d14	19.916	244	901944	81.517	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.406	88	38682	40.326	ng	96
3) Pyridine	3.799	79	119693	40.969	ng	99
4) n-Nitrosodimethylamine	3.717	42	51906	38.883	ng	97
6) Aniline	7.254	93	166416	40.422	ng	100
8) 2-Chlorophenol	7.489	128	87601	40.409	ng	100
9) Benzaldehyde	7.066	77	73699	36.453	ng	99
10) Phenol	7.113	94	129907	41.034	ng	97
11) bis(2-Chloroethyl)ether	7.348	93	96793	39.766	ng	98
12) 1,3-Dichlorobenzene	7.818	146	89787	40.698	ng	98
13) 1,4-Dichlorobenzene	7.965	146	89996	40.259	ng	95
14) 1,2-Dichlorobenzene	8.282	146	87083	40.259	ng	96
15) Benzyl Alcohol	8.159	79	97811	39.784	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.453	45	185577m	39.689	ng	
17) 2-Methylphenol	8.365	107	94078	40.403	ng	97
18) Hexachloroethane	9.011	117	31695	40.210	ng	95
19) n-Nitroso-di-n-propyla...	8.735	70	88870	39.645	ng	97
20) 3+4-Methylphenols	8.694	107	131485	40.880	ng	98
22) Acetophenone	8.747	105	165383	40.567	ng	98
24) Nitrobenzene	9.128	77	119969	40.694	ng	97
25) Isophorone	9.651	82	260253	40.215	ng	98
26) 2-Nitrophenol	9.839	139	43601	46.488	ng	91
27) 2,4-Dimethylphenol	9.898	122	93225	40.147	ng	96
28) bis(2-Chloroethoxy)met...	10.139	93	140995	40.456	ng	99
29) 2,4-Dichlorophenol	10.368	162	89902	40.770	ng	99
30) 1,2,4-Trichlorobenzene	10.591	180	97999	39.871	ng	100
31) Naphthalene	10.779	128	311340	40.238	ng	99
32) Benzoic acid	10.016	122	68841	40.266	ng	96
33) 4-Chloroaniline	10.885	127	148332	41.374	ng	98
34) Hexachlorobutadiene	11.067	225	59857	39.916	ng	96
35) Caprolactam	11.661	113	36343	40.616	ng	97
36) 4-Chloro-3-methylphenol	12.002	107	121832	42.305	ng	98
37) 2-Methylnaphthalene	12.383	142	230189	40.815	ng	100
38) 1-Methylnaphthalene	12.607	142	216569	40.679	ng	99
40) 1,2,4,5-Tetrachloroben...	12.754	216	116857	39.851	ng	100
41) Hexachlorocyclopentadiene	12.736	237	61137	39.271	ng	98
43) 2,4,6-Trichlorophenol	12.989	196	86822	41.351	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.059	196	102757	41.986	ng	97
46) 1,1'-Biphenyl	13.394	154	287862	39.635	ng	97
47) 2-Chloronaphthalene	13.435	162	223295	40.020	ng	98
48) 2-Nitroaniline	13.641	65	85359	43.049	ng	97
49) Acenaphthylene	14.281	152	384785	40.178	ng	98
50) Dimethylphthalate	14.017	163	329079	40.507	ng	100
51) 2,6-Dinitrotoluene	14.134	165	65113	43.524	ng	98
52) Acenaphthene	14.628	154	238683	40.258	ng	98
53) 3-Nitroaniline	14.463	138	73706	43.718	ng	99
54) 2,4-Dinitrophenol	14.663	184	28191	38.419	ng	97
55) Dibenzofuran	14.957	168	384384	40.321	ng	99
56) 4-Nitrophenol	14.757	139	58215	43.449	ng	98
57) 2,4-Dinitrotoluene	14.916	165	90779	44.747	ng	97
58) Fluorene	15.609	166	302839	40.131	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.180	232	86708	41.571	ng	99
60) Diethylphthalate	15.380	149	337823	40.532	ng	98
61) 4-Chlorophenyl-phenyle...	15.603	204	162567	40.515	ng	96
62) 4-Nitroaniline	15.627	138	72297	42.063	ng	99
63) Azobenzene	15.891	77	341246	40.026	ng	97
65) 4,6-Dinitro-2-methylph...	15.680	198	43265	38.490	ng	98
66) n-Nitrosodiphenylamine	15.815	169	270838	40.649	ng	98
67) 4-Bromophenyl-phenylether	16.496	248	107345	40.095	ng	94
68) Hexachlorobenzene	16.608	284	108906	39.903	ng	97
69) Atrazine	16.761	200	92592	40.483	ng	98
70) Pentachlorophenol	16.949	266	85199	42.254	ng	98
71) Phenanthrene	17.348	178	491839	40.239	ng	100
72) Anthracene	17.436	178	498916	39.973	ng	100
73) Carbazole	17.707	167	461243	40.080	ng	98
74) Di-n-butylphthalate	18.265	149	560733	41.151	ng	100
75) Fluoranthene	19.358	202	582133	39.978	ng	99
77) Benzidine	19.534	184	241028	49.838	ng	99
78) Pyrene	19.716	202	593034	40.294	ng	100
80) Butylbenzylphthalate	20.609	149	235846	42.126	ng	96
81) Benzo(a)anthracene	21.537	228	576669	40.739	ng	99
82) 3,3'-Dichlorobenzidine	21.455	252	203524	42.274	ng	100
83) Chrysene	21.602	228	553235	40.725	ng	98
84) Bis(2-ethylhexyl)phtha...	21.455	149	340067	41.836	ng	99
85) Di-n-octyl phthalate	22.642	149	604934	42.429	ng	97
87) Indeno(1,2,3-cd)pyrene	28.294	276	682595	40.579	ng	98
88) Benzo(b)fluoranthene	23.705	252	581539	41.247	ng	99
89) Benzo(k)fluoranthene	23.776	252	574766	40.027	ng	99
90) Benzo(a)pyrene	24.557	252	567496	40.985	ng	99
91) Dibenzo(a,h)anthracene	28.359	278	574703	41.176	ng	100
92) Benzo(g,h,i)perylene	29.411	276	570600	40.830	ng	99

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

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