Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054700.D
Acq On : 23 Aug 2022 9:41
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Aug 23 12:10:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 23 03:09:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.158	152	53455	20.000	ng		0.00
21) Naphthalene-d8	10.984	136	215651	20.000	ng		0.00
39) Acenaphthene-d10	14.792	164	135158	20.000	ng		0.00
64) Phenanthrene-d10	17.536	188	296383	20.000	ng		0.00
76) Chrysene-d12	21.831	240	265516	20.000	ng		0.00
86) Perylene-d12	25.197	264	279540	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.691	112	239818	84.542	ng		0.00
7) Phenol-d6	7.295	99	335918	84.513	ng		0.00
23) Nitrobenzene-d5	9.328	82	304797	80.547	ng		0.00
42) 2,4,6-Tribromophenol	16.272	330	104943	96.954	ng		0.00
45) 2-Fluorobiphenyl	13.417	172	709137	77.374	ng		0.00
79) Terphenyl-d14	20.133	244	1048949	78.478	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.546	88	56523	38.755	ng		98
3) Pyridine	3.951	79	165245	40.468	ng		99
4) n-Nitrosodimethylamine	3.869	42	71351	39.889	ng		95
6) Aniline	7.477	93	199056	40.141	ng		98
8) 2-Chlorophenol	7.718	128	129900	42.995	ng		98
9) Benzaldehyde	7.289	77	105032	38.221	ng		99
10) Phenol	7.324	94	172047	41.788	ng		97
11) bis(2-Chloroethyl)ether	7.571	93	137804	39.159	ng		99
12) 1,3-Dichlorobenzene	8.047	146	154056	39.722	ng		99
13) 1,4-Dichlorobenzene	8.194	146	154385	39.502	ng		99
14) 1,2-Dichlorobenzene	8.517	146	145255	39.409	ng		99
15) Benzyl Alcohol	8.393	79	119672	43.204	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.681	45	217686	39.869	ng		100
17) 2-Methylphenol	8.587	107	118556	42.710	ng		99
18) Hexachloroethane	9.251	117	53802	41.683	ng		99
19) n-Nitroso-di-n-propyla...	8.963	70	113562	40.608	ng		98
20) 3+4-Methylphenols	8.916	107	163571	44.142	ng		95
22) Acetophenone	8.987	105	209409	38.557	ng	#	99
24) Nitrobenzene	9.375	77	155830	40.054	ng		98
25) Isophorone	9.892	82	293306	40.668	ng		99
26) 2-Nitrophenol	10.085	139	52054	46.001	ng		97
27) 2,4-Dimethylphenol	10.132	122	113657	43.202	ng		97
28) bis(2-Chloroethoxy)met...	10.373	93	168953	39.656	ng		98
29) 2,4-Dichlorophenol	10.620	162	124572	44.131	ng		100
30) 1,2,4-Trichlorobenzene	10.838	180	145790	38.758	ng		98
31) Naphthalene	11.031	128	448735	38.664	ng		99
32) Benzoic acid	10.256	122	66699	47.400	ng		98
33) 4-Chloroaniline	11.137	127	182326	39.801	ng		99
34) Hexachlorobutadiene	11.308	225	92594	38.992	ng		98
35) Caprolactam	11.907	113	39317	44.610	ng		98
36) 4-Chloro-3-methylphenol	12.236	107	132792	44.271	ng		98
37) 2-Methylnaphthalene	12.630	142	312628	39.210	ng		99
38) 1-Methylnaphthalene	12.847	142	303009	39.297	ng		98
40) 1,2,4,5-Tetrachloroben...	12.988	216	160441	38.449	ng		99
41) Hexachlorocyclopentadiene	12.964	237	74897	43.182	ng		98
43) 2,4,6-Trichlorophenol	13.223	196	101605	46.347	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.293	196	110531	44.548	ng	97
46) 1,1'-Biphenyl	13.628	154	396179	38.739	ng	100
47) 2-Chloronaphthalene	13.669	162	299411	38.379	ng	98
48) 2-Nitroaniline	13.869	65	81376	42.648	ng	98
49) Acenaphthylene	14.516	152	498031	39.275	ng	99
50) Dimethylphthalate	14.239	163	386411	42.457	ng	100
51) 2,6-Dinitrotoluene	14.357	165	73772	44.568	ng	98
52) Acenaphthene	14.856	154	308828	39.723	ng	99
53) 3-Nitroaniline	14.686	138	85337	44.707	ng	99
54) 2,4-Dinitrophenol	14.886	184	26928	45.612	ng	95
55) Dibenzofuran	15.185	168	464482	39.423	ng	99
56) 4-Nitrophenol	14.974	139	62715	44.203	ng	98
57) 2,4-Dinitrotoluene	15.138	165	97731	40.264	ng	98
58) Fluorene	15.832	166	382684	39.290	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.403	232	98695	47.778	ng	97
60) Diethylphthalate	15.591	149	382447	43.079	ng	100
61) 4-Chlorophenyl-phenyle...	15.820	204	187470	38.868	ng	100
62) 4-Nitroaniline	15.849	138	89588	43.068	ng	98
63) Azobenzene	16.114	77	385255	39.074	ng	98
65) 4,6-Dinitro-2-methylph...	15.902	198	39288	43.395	ng	96
66) n-Nitrosodiphenylamine	16.037	169	332730	39.506	ng	98
67) 4-Bromophenyl-phenylether	16.719	248	113543	39.797	ng	98
68) Hexachlorobenzene	16.830	284	140111	38.921	ng	98
69) Atrazine	16.977	200	111060	44.498	ng	99
70) Pentachlorophenol	17.177	266	74995	41.270	ng	99
71) Phenanthrene	17.577	178	611287	38.694	ng	99
72) Anthracene	17.671	178	598340	39.085	ng	99
73) Carbazole	17.935	167	541928	39.790	ng	100
74) Di-n-butylphthalate	18.487	149	645770	44.444	ng	99
75) Fluoranthene	19.580	202	731269	39.262	ng	100
77) Benzidine	19.756	184	296145	51.370	ng	98
78) Pyrene	19.944	202	738545	39.434	ng	99
80) Butylbenzylphthalate	20.820	149	257000	42.411	ng	99
81) Benzo(a)anthracene	21.807	228	710478	39.399	ng	99
82) 3,3'-Dichlorobenzidine	21.719	252	236582	43.417	ng	98
83) Chrysene	21.878	228	666812	38.856	ng	99
84) Bis(2-ethylhexyl)phtha...	21.701	149	384335	41.684	ng	100
85) Di-n-octyl phthalate	22.970	149	627403	45.119	ng	98
87) Indeno(1,2,3-cd)pyrene	29.075	276	838443	40.194	ng	100
88) Benzo(b)fluoranthene	24.122	252	692600	39.902	ng	99
89) Benzo(k)fluoranthene	24.192	252	705298	39.376	ng	98
90) Benzo(a)pyrene	25.038	252	595032	39.940	ng	99
91) Dibenzo(a,h)anthracene	29.151	278	686100	40.037	ng	99
92) Benzo(g,h,i)perylene	30.285	276	665399	39.719	ng	100

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

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