Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011323\
Data File : BG056286.D
Acq On : 13 Jan 2023 20:41
Operator : CG/JU
Sample : 01124-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-CMS

Quant Time: Jan 16 00:24:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 03:38:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.320	152	43707	20.000	ng		0.00
21) Naphthalene-d8	11.152	136	158324	20.000	ng	#	0.00
39) Acenaphthene-d10	14.930	164	133405	20.000	ng		0.00
64) Phenanthrene-d10	17.668	188	346015	20.000	ng		0.00
76) Chrysene-d12	21.962	240	334400	20.000	ng		0.00
86) Perylene-d12	25.406	264	367742	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.840	112	330830	135.149	ng		0.01
7) Phenol-d6	7.456	99	437621	116.411	ng		0.00
23) Nitrobenzene-d5	9.495	82	268365	86.704	ng		0.00
42) 2,4,6-Tribromophenol	16.410	330	231763	137.174	ng		0.00
45) 2-Fluorobiphenyl	13.561	172	845100	87.478	ng		0.00
79) Terphenyl-d14	20.241	244	1723185	92.294	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.660	88	40795	36.486	ng	#	76
3) Pyridine	4.078	79	109086	32.033	ng	#	94
4) n-Nitrosodimethylamine	3.978	42	26269	37.921	ng	#	86
6) Aniline	7.632	93	132416	26.860	ng		97
8) 2-Chlorophenol	7.879	128	115162	47.277	ng		95
9) Benzaldehyde	7.444	77	55566	24.859	ng		92
10) Phenol	7.479	94	149297	39.161	ng		96
11) bis(2-Chloroethyl)ether	7.720	93	107460	41.594	ng		96
12) 1,3-Dichlorobenzene	8.208	146	132910	44.832	ng		97
13) 1,4-Dichlorobenzene	8.355	146	133204	44.744	ng		98
14) 1,2-Dichlorobenzene	8.678	146	130146	45.307	ng		99
15) Benzyl Alcohol	8.549	79	115009	42.036	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.837	45	22664	49.642	ng		83
17) 2-Methylphenol	8.749	107	111164	39.738	ng		97
18) Hexachloroethane	9.418	117	40555	44.842	ng		96
19) n-Nitroso-di-n-propyla...	9.119	70	84433	36.935	ng		97
20) 3+4-Methylphenols	9.078	107	153292	38.975	ng		99
22) Acetophenone	9.148	105	194464	43.440	ng	#	98
24) Nitrobenzene	9.536	77	129781	42.310	ng		96
25) Isophorone	10.053	82	258567	39.704	ng		98
26) 2-Nitrophenol	10.253	139	70622	44.999	ng		98
27) 2,4-Dimethylphenol	10.294	122	127529	44.552	ng		97
28) bis(2-Chloroethoxy)met...	10.529	93	147341	43.531	ng		100
29) 2,4-Dichlorophenol	10.787	162	150316	47.499	ng		94
30) 1,2,4-Trichlorobenzene	11.005	180	165182	45.996	ng		98
31) Naphthalene	11.205	128	368108	44.178	ng		99
32) Benzoic acid	10.358	122	10175	4.791	ng	#	85
33) 4-Chloroaniline	11.304	127	34578	8.692	ng		93
34) Hexachlorobutadiene	11.475	225	114184	44.208	ng		97
35) Caprolactam	12.062	113	38010	35.476	ng		85
36) 4-Chloro-3-methylphenol	12.397	107	140653	43.801	ng		99
37) 2-Methylnaphthalene	12.779	142	289126	41.095	ng		100
38) 1-Methylnaphthalene	12.997	142	269032	41.178	ng		96
40) 1,2,4,5-Tetrachloroben...	13.143	216	224996	44.999	ng		98
41) Hexachlorocyclopentadiene	13.120	237	236071	82.814	ng		96
43) 2,4,6-Trichlorophenol	13.373	196	151918	45.949	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.449	196	165812	42.396	ng		98
46) 1,1'-Biphenyl	13.766	154	425103	44.495	ng		97
47) 2-Chloronaphthalene	13.819	162	338024	44.824	ng		98
48) 2-Nitroaniline	14.013	65	70764	44.042	ng		95
49) Acenaphthylene	14.659	152	530599	43.237	ng		99
50) Dimethylphthalate	14.371	163	448907	41.684	ng		99
51) 2,6-Dinitrotoluene	14.495	165	98289	42.832	ng		95
52) Acenaphthene	14.994	154	337650	42.304	ng		99
53) 3-Nitroaniline	14.824	138	60730	27.808	ng		98
54) 2,4-Dinitrophenol	15.029	184	41661	25.413	ng		96
55) Dibenzofuran	15.323	168	567365	42.956	ng		97
56) 4-Nitrophenol	15.118	139	129166	76.901	ng		95
57) 2,4-Dinitrotoluene	15.276	165	143415	44.688	ng		92
58) Fluorene	15.970	166	451561	42.506	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.546	232	160290	43.649	ng		97
60) Diethylphthalate	15.717	149	421997	41.784	ng		99
61) 4-Chlorophenyl-phenyle...	15.952	204	279896	42.219	ng		98
62) 4-Nitroaniline	15.987	138	94199	42.108	ng		98
63) Azobenzene	16.246	77	326458	41.888	ng		98
65) 4,6-Dinitro-2-methylph...	16.040	198	50295	21.574	ng		98
66) n-Nitrosodiphenylamine	16.163	169	419976	43.746	ng		98
67) 4-Bromophenyl-phenylether	16.845	248	191044	43.358	ng		98
68) Hexachlorobenzene	16.974	284	195649	47.593	ng		98
69) Atrazine	17.098	200	181357	45.581	ng		97
70) Pentachlorophenol	17.315	266	156525	49.567	ng		94
71) Phenanthrene	17.709	178	789512	44.029	ng		99
72) Anthracene	17.803	178	809276	43.750	ng		99
73) Carbazole	18.061	167	697273	44.845	ng		98
74) Di-n-butylphthalate	18.596	149	716495	46.227	ng		100
75) Fluoranthene	19.700	202	1011832	43.259	ng		100
77) Benzidine	19.865	184	206243	17.599	ng		96
78) Pyrene	20.059	202	1023296	43.415	ng		100
80) Butylbenzylphthalate	20.923	149	302905	44.795	ng		98
81) Benzo(a)anthracene	21.945	228	1022006	43.513	ng		99
82) 3,3'-Dichlorobenzidine	21.839	252	230883	27.307	ng		96
83) Chrysene	22.015	228	956324	43.468	ng		99
84) Bis(2-ethylhexyl)phtha...	21.810	149	437191	44.876	ng		99
85) Di-n-octyl phthalate	23.091	149	749684	45.584	ng		100
87) Indeno(1,2,3-cd)pyrene	29.377	276	1218723	45.569	ng	#	99
88) Benzo(b)fluoranthene	24.307	252	1075954	46.050	ng		98
89) Benzo(k)fluoranthene	24.383	252	1054248	45.311	ng		99
90) Benzo(a)pyrene	25.247	252	952029	41.776	ng		99
91) Dibenzo(a,h)anthracene	29.442	278	1019344	45.461	ng		99
92) Benzo(g,h,i)perylene	30.629	276	981543	45.141	ng		97

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

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