Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090424\
Data File : BG062651.D
Acq On : 4 Sep 2024 20:23
Operator : MA/JU
Sample : SSTDCCC040
Misc : LOD-MDL-WATER-8 ng
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Quant Time: Sep 05 04:53:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 02:36:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.923	152	61988	20.000	ng		0.00
21) Naphthalene-d8	10.714	136	270347	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	217470	20.000	ng		0.00
64) Phenanthrene-d10	17.289	188	574385	20.000	ng		0.00
76) Chrysene-d12	21.537	240	602596	20.000	ng		0.00
86) Perylene-d12	24.604	264	679918	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.503	112	300208	83.713	ng		0.00
7) Phenol-d6	7.089	99	426518	82.328	ng		0.00
23) Nitrobenzene-d5	9.075	82	422669	84.201	ng		0.00
42) 2,4,6-Tribromophenol	16.031	330	274317	89.632	ng		0.00
45) 2-Fluorobiphenyl	13.170	172	1081615	80.562	ng		0.00
79) Terphenyl-d14	19.909	244	2279606	75.010	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	63066	42.214	ng		98
3) Pyridine	3.805	79	178632	41.499	ng		99
4) n-Nitrosodimethylamine	3.716	42	87025	41.586	ng		98
6) Aniline	7.248	93	193248	39.925	ng		97
8) 2-Chlorophenol	7.488	128	156063	40.535	ng		95
9) Benzaldehyde	7.060	77	128560	42.661	ng		94
10) Phenol	7.112	94	216652	41.309	ng		99
11) bis(2-Chloroethyl)ether	7.342	93	161515	40.223	ng		97
12) 1,3-Dichlorobenzene	7.812	146	172480	40.823	ng		99
13) 1,4-Dichlorobenzene	7.958	146	174535	40.140	ng		99
14) 1,2-Dichlorobenzene	8.276	146	170200	39.822	ng		98
15) Benzyl Alcohol	8.158	79	153299	39.992	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.446	45	275645	36.018	ng		98
17) 2-Methylphenol	8.364	107	141180	38.617	ng		97
18) Hexachloroethane	8.998	117	62926	38.596	ng		89
19) n-Nitroso-di-n-propyla...	8.722	70	147536	36.141	ng		97
20) 3+4-Methylphenols	8.687	107	204084	37.839	ng		95
22) Acetophenone	8.740	105	280463	38.455	ng	#	96
24) Nitrobenzene	9.116	77	223089	41.798	ng		97
25) Isophorone	9.639	82	418152	37.948	ng		98
26) 2-Nitrophenol	9.827	139	88314	43.792	ng		98
27) 2,4-Dimethylphenol	9.886	122	118901	40.238	ng		97
28) bis(2-Chloroethoxy)met...	10.121	93	236120	40.029	ng		99
29) 2,4-Dichlorophenol	10.362	162	173242	41.931	ng		99
30) 1,2,4-Trichlorobenzene	10.579	180	203598	41.570	ng		97
31) Naphthalene	10.767	128	542815	40.509	ng		99
32) Benzoic acid	10.021	122	123402	38.829	ng		96
33) 4-Chloroaniline	10.867	127	210260	39.873	ng		97
34) Hexachlorobutadiene	11.055	225	143778	42.031	ng		97
35) Caprolactam	11.637	113	64996	40.808	ng		96
36) 4-Chloro-3-methylphenol	11.995	107	196543	39.438	ng		99
37) 2-Methylnaphthalene	12.371	142	403909	38.863	ng		97
38) 1-Methylnaphthalene	12.588	142	407221	39.021	ng		95
40) 1,2,4,5-Tetrachloroben...	12.741	216	272716	41.700	ng		99
41) Hexachlorocyclopentadiene	12.723	237	85569	45.858	ng		100
43) 2,4,6-Trichlorophenol	12.976	196	174765	42.153	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.047	196	199575	42.506	ng		96
46) 1,1'-Biphenyl	13.382	154	587172	40.472	ng		98
47) 2-Chloronaphthalene	13.423	162	478262	40.674	ng		97
48) 2-Nitroaniline	13.622	65	141400	45.722	ng		96
49) Acenaphthylene	14.269	152	706969	40.601	ng		100
50) Dimethylphthalate	14.004	163	644829	40.550	ng		99
51) 2,6-Dinitrotoluene	14.116	165	138591	46.077	ng		96
52) Acenaphthene	14.610	154	436990	40.145	ng		99
53) 3-Nitroaniline	14.445	138	132255	45.442	ng		95
54) 2,4-Dinitrophenol	14.651	184	79432	47.058	ng		96
55) Dibenzofuran	14.944	168	766350	41.052	ng		97
56) 4-Nitrophenol	14.756	139	112585	45.646	ng		95
57) 2,4-Dinitrotoluene	14.903	165	194425	47.375	ng		97
58) Fluorene	15.597	166	599054	40.890	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.168	232	194334	43.692	ng		96
60) Diethylphthalate	15.367	149	636868	40.408	ng		98
61) 4-Chlorophenyl-phenyle...	15.585	204	348769	41.468	ng		97
62) 4-Nitroaniline	15.608	138	145604	45.372	ng		93
63) Azobenzene	15.879	77	580960	39.255	ng		99
65) 4,6-Dinitro-2-methylph...	15.673	198	116329	45.383	ng		91
66) n-Nitrosodiphenylamine	15.802	169	550738	39.881	ng		98
67) 4-Bromophenyl-phenylether	16.478	248	247878	41.814	ng		96
68) Hexachlorobenzene	16.595	284	292685	41.690	ng		96
69) Atrazine	16.748	200	154544	32.948	ng		98
70) Pentachlorophenol	16.942	266	191455	42.578	ng		97
71) Phenanthrene	17.330	178	1082802	40.388	ng		99
72) Anthracene	17.424	178	1087368	41.251	ng		98
73) Carbazole	17.694	167	984174	40.614	ng		99
74) Di-n-butylphthalate	18.252	149	1121527	41.039	ng		100
75) Fluoranthene	19.345	202	1404365	41.417	ng		98
77) Benzidine	19.527	184	531552	48.941	ng		98
78) Pyrene	19.704	202	1467272	38.305	ng		99
80) Butylbenzylphthalate	20.597	149	443527	39.420	ng		97
81) Benzo(a)anthracene	21.513	228	1500235	39.473	ng		99
82) 3,3'-Dichlorobenzidine	21.437	252	497296	40.165	ng		98
83) Chrysene	21.578	228	1438712	39.519	ng		100
84) Bis(2-ethylhexyl)phtha...	21.437	149	672873	39.366	ng	#	97
85) Di-n-octyl phthalate	22.594	149	1153493	38.542	ng		100
87) Indeno(1,2,3-cd)pyrene	28.076	276	1783045	40.898	ng		98
88) Benzo(b)fluoranthene	23.634	252	1503152	40.026	ng		98
89) Benzo(k)fluoranthene	23.699	252	1525704	41.532	ng		98
90) Benzo(a)pyrene	24.463	252	1352725	40.773	ng		99
91) Dibenzo(a,h)anthracene	28.129	278	1481211	41.242	ng		97
92) Benzo(g,h,i)perylene	29.151	276	1496306	41.317	ng		97

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

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