Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062121\
Data File : BG049036.D
Acq On : 21 Jun 2021 17:34
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 21 18:18:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 12:04:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.121	152	41908	20.000	ng		0.00
21) Naphthalene-d8	10.941	136	169535	20.000	ng	#	0.00
39) Acenaphthene-d10	14.760	164	118446	20.000	ng		0.00
64) Phenanthrene-d10	17.510	188	247766	20.000	ng	#	0.00
76) Chrysene-d12	21.799	240	219559	20.000	ng		0.00
86) Perylene-d12	25.136	264	223624	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.671	112	203498	75.590	ng		0.00
7) Phenol-d6	7.275	99	295014	73.114	ng		0.00
23) Nitrobenzene-d5	9.290	82	294811	74.983	ng		0.00
42) 2,4,6-Tribromophenol	16.252	330	133591	76.127	ng		0.00
45) 2-Fluorobiphenyl	13.385	172	623990	74.421	ng		0.00
79) Terphenyl-d14	20.112	244	927899	77.399	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.550	88	43885	33.391	ng	#	78
3) Pyridine	3.961	79	125794	35.283	ng		89
4) n-Nitrosodimethylamine	3.867	42	74801	43.811	ng	#	85
6) Aniline	7.439	93	177077	34.848	ng		93
8) 2-Chlorophenol	7.686	128	110526	37.248	ng		90
9) Benzaldehyde	7.251	77	78004	37.360	ng		89
10) Phenol	7.304	94	150556	36.117	ng		92
11) bis(2-Chloroethyl)ether	7.533	93	108483	35.075	ng	#	81
12) 1,3-Dichlorobenzene	8.009	146	126316	38.107	ng		96
13) 1,4-Dichlorobenzene	8.156	146	124674	37.726	ng		95
14) 1,2-Dichlorobenzene	8.479	146	120071	37.768	ng		91
15) Benzyl Alcohol	8.356	79	133121	36.024	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.649	45	193737	33.105	ng		81
17) 2-Methylphenol	8.561	107	99634	36.447	ng		99
18) Hexachloroethane	9.213	117	51232	38.643	ng		96
19) n-Nitroso-di-n-propyla...	8.931	70	104245	33.052	ng	#	98
20) 3+4-Methylphenols	8.890	107	137239	36.719	ng		98
22) Acetophenone	8.949	105	180410	34.977	ng	#	96
24) Nitrobenzene	9.331	77	162516	36.695	ng		98
25) Isophorone	9.860	82	280882	32.792	ng		97
26) 2-Nitrophenol	10.048	139	63117	42.014	ng		95
27) 2,4-Dimethylphenol	10.101	122	95699	35.134	ng		97
28) bis(2-Chloroethoxy)met...	10.342	93	131658	33.194	ng		96
29) 2,4-Dichlorophenol	10.588	162	115036	37.645	ng		96
30) 1,2,4-Trichlorobenzene	10.806	180	136133	38.856	ng		96
31) Naphthalene	10.994	128	357070	35.353	ng		97
32) Benzoic acid	10.248	122	78104	43.901	ng	#	73
33) 4-Chloroaniline	11.094	127	147971	34.505	ng		97
34) Hexachlorobutadiene	11.276	225	98610	39.491	ng		96
35) Caprolactam	11.887	113	34638	39.213	ng	#	50
36) 4-Chloro-3-methylphenol	12.216	107	128542	34.415	ng	#	92
37) 2-Methylnaphthalene	12.592	142	268190	35.155	ng		94
38) 1-Methylnaphthalene	12.815	142	248402	34.682	ng		97
40) 1,2,4,5-Tetrachloroben...	12.956	216	148760	39.552	ng		96
41) Hexachlorocyclopentadiene	12.939	237	57705	23.866	ng		89
43) 2,4,6-Trichlorophenol	13.197	196	103427	41.099	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.273	196	109730	42.168	ng		91
46) 1,1'-Biphenyl	13.597	154	317954	36.411	ng		96
47) 2-Chloronaphthalene	13.644	162	264181	37.884	ng		99
48) 2-Nitroaniline	13.837	65	99596	40.599	ng		94
49) Acenaphthylene	14.484	152	411757	35.434	ng		96
50) Dimethylphthalate	14.213	163	321164	34.809	ng		100
51) 2,6-Dinitrotoluene	14.325	165	74668	39.739	ng		96
52) Acenaphthene	14.825	154	268629	35.866	ng		96
53) 3-Nitroaniline	14.660	138	71493	37.583	ng	#	77
54) 2,4-Dinitrophenol	14.860	184	31821	36.561	ng		96
55) Dibenzofuran	15.159	168	409232	35.150	ng		98
56) 4-Nitrophenol	14.971	139	58212	37.535	ng	#	87
57) 2,4-Dinitrotoluene	15.112	165	104131	45.119	ng		97
58) Fluorene	15.806	166	321218	33.740	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.383	232	98778	37.501	ng		98
60) Diethylphthalate	15.571	149	340692	34.094	ng		97
61) 4-Chlorophenyl-phenyle...	15.794	204	181751	36.510	ng		97
62) 4-Nitroaniline	15.823	138	73130	38.013	ng	#	83
63) Azobenzene	16.094	77	356530	31.182	ng		89
65) 4,6-Dinitro-2-methylph...	15.876	198	51684	43.989	ng		91
66) n-Nitrosodiphenylamine	16.011	169	276688	35.834	ng		98
67) 4-Bromophenyl-phenylether	16.693	248	119444	38.609	ng		95
68) Hexachlorobenzene	16.816	284	130512	38.923	ng		91
69) Atrazine	16.957	200	89970	36.301	ng		95
70) Pentachlorophenol	17.157	266	79017	39.212	ng		92
71) Phenanthrene	17.551	178	493192	35.377	ng		98
72) Anthracene	17.645	178	493118	35.200	ng		98
73) Carbazole	17.909	167	460879	34.322	ng		99
74) Di-n-butylphthalate	18.467	149	533438	35.418	ng		98
75) Fluoranthene	19.554	202	571795	34.012	ng		98
77) Benzidine	19.731	184	178835	40.433	ng		97
78) Pyrene	19.919	202	575423	36.108	ng		96
80) Butylbenzylphthalate	20.800	149	229527	38.175	ng		98
81) Benzo(a)anthracene	21.781	228	588775	37.349	ng		98
82) 3,3'-Dichlorobenzidine	21.687	252	206751	41.012	ng		97
83) Chrysene	21.852	228	562527	37.217	ng		98
84) Bis(2-ethylhexyl)phtha...	21.681	149	320489	37.395	ng		95
85) Di-n-octyl phthalate	22.933	149	544295	37.446	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.955	276	681293	40.482	ng		98
88) Benzo(b)fluoranthene	24.073	252	607623	38.116	ng	#	96
89) Benzo(k)fluoranthene	24.143	252	567471	37.519	ng	#	97
90) Benzo(a)pyrene	24.977	252	553049	38.006	ng	#	98
91) Dibenzo(a,h)anthracene	29.031	278	584394	41.548	ng	#	96
92) Benzo(g,h,i)perylene	30.148	276	568138	40.057	ng		98

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

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