Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
Data File : BG049050.D
Acq On : 22 Jun 2021 19:18
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
6/23/2021 4:42:24 PM

Quant Time: Jun 23 06:39:10 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	8.112	152	35094	20.000	ng		0.00
21) Naphthalene-d8	10.932	136	140221	20.000	ng	#	0.00
39) Acenaphthene-d10	14.751	164	97296	20.000	ng		0.00
64) Phenanthrene-d10	17.501	188	217551	20.000	ng	#	0.00
76) Chrysene-d12	21.796	240	216488	20.000	ng		0.00
86) Perylene-d12	25.115	264	231333	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.668	112	185210	82.154	ng		0.00
7) Phenol-d6	7.266	99	254350	75.275	ng		0.00
23) Nitrobenzene-d5	9.281	82	254433	78.242	ng		0.00
42) 2,4,6-Tribromophenol	16.243	330	124827	86.595	ng		0.00
45) 2-Fluorobiphenyl	13.376	172	539724	78.364	ng		0.00
79) Terphenyl-d14	20.109	244	943315	79.801	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.547	88	41974	38.138	ng	#	77
3) Pyridine	3.958	79	111748	37.429	ng		90
4) n-Nitrosodimethylamine	3.864	42	63027	44.082	ng	#	83
6) Aniline	7.430	93	150460	35.359	ng	#	91
8) 2-Chlorophenol	7.677	128	95098	38.271	ng		89
9) Benzaldehyde	7.248	77	71413	40.844	ng		91
10) Phenol	7.295	94	129826	37.192	ng		91
11) bis(2-Chloroethyl)ether	7.524	93	90214	34.832	ng	#	79
12) 1,3-Dichlorobenzene	8.000	146	106405	38.333	ng		99
13) 1,4-Dichlorobenzene	8.147	146	108853	39.334	ng		98
14) 1,2-Dichlorobenzene	8.470	146	102030	38.325	ng		91
15) Benzyl Alcohol	8.347	79	113955	36.825	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.641	45	161528	32.961	ng		82
17) 2-Methylphenol	8.552	107	83331	36.402	ng		96
18) Hexachloroethane	9.205	117	44406	39.998	ng		95
19) n-Nitroso-di-n-propyla...	8.923	70	88463	33.494	ng	#	97
20) 3+4-Methylphenols	8.881	107	113890	36.388	ng		97
22) Acetophenone	8.940	105	157275	36.867	ng	#	96
24) Nitrobenzene	9.322	77	136397	37.236	ng		95
25) Isophorone	9.845	82	236893	33.438	ng		98
26) 2-Nitrophenol	10.033	139	53341	42.929	ng		96
27) 2,4-Dimethylphenol	10.092	122	82051	36.421	ng		94
28) bis(2-Chloroethoxy)met...	10.327	93	111386	33.954	ng		92
29) 2,4-Dichlorophenol	10.579	162	98261	38.878	ng		94
30) 1,2,4-Trichlorobenzene	10.791	180	113663	39.225	ng		97
31) Naphthalene	10.985	128	305102	36.523	ng		99
32) Benzoic acid	10.227	122	65800	44.717	ng	#	80
33) 4-Chloroaniline	11.085	127	126782	35.744	ng		97
34) Hexachlorobutadiene	11.267	225	83846	40.598	ng		98
35) Caprolactam	11.866	113	29547	40.442	ng	#	50
36) 4-Chloro-3-methylphenol	12.207	107	108858	35.238	ng	#	91
37) 2-Methylnaphthalene	12.583	142	228623	36.233	ng		98
38) 1-Methylnaphthalene	12.806	142	211990	35.786	ng		94
40) 1,2,4,5-Tetrachloroben...	12.947	216	127493	41.266	ng		98
41) Hexachlorocyclopentadiene	12.930	237	91886	46.264	ng		93
43) 2,4,6-Trichlorophenol	13.188	196	90907	43.976	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.265	196	95829	44.832	ng		93
46) 1,1'-Biphenyl	13.588	154	276659	38.568	ng		98
47) 2-Chloronaphthalene	13.635	162	224673	39.222	ng		98
48) 2-Nitroaniline	13.829	65	85824	42.210	ng		96
49) Acenaphthylene	14.475	152	352482	36.927	ng		96
50) Dimethylphthalate	14.205	163	288644	38.085	ng		99
51) 2,6-Dinitrotoluene	14.316	165	66214	42.901	ng		90
52) Acenaphthene	14.822	154	235551	38.286	ng		95
53) 3-Nitroaniline	14.651	138	62024	39.692	ng		87
54) 2,4-Dinitrophenol	14.857	184	34609	48.409	ng		90
55) Dibenzofuran	15.151	168	356499	37.277	ng		98
56) 4-Nitrophenol	14.963	139	55057	43.218	ng		89
57) 2,4-Dinitrotoluene	15.109	165	93897	49.528	ng		92
58) Fluorene	15.797	166	288336	36.870	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.374	232	89314m	41.279	ng		
60) Diethylphthalate	15.562	149	300566	36.617	ng		96
61) 4-Chlorophenyl-phenyle...	15.791	204	159394	38.979	ng		99
62) 4-Nitroaniline	15.814	138	66273	41.937	ng		88
63) Azobenzene	16.085	77	316861	33.737	ng		90
65) 4,6-Dinitro-2-methylph...	15.867	198	56496	54.763	ng		91
66) n-Nitrosodiphenylamine	16.003	169	247190	36.460	ng		98
67) 4-Bromophenyl-phenylether	16.684	248	105850	38.967	ng		95
68) Hexachlorobenzene	16.807	284	117801	40.012	ng		96
69) Atrazine	16.948	200	87893	40.389	ng		98
70) Pentachlorophenol	17.148	266	93119	52.628	ng		97
71) Phenanthrene	17.542	178	452302	36.949	ng		98
72) Anthracene	17.636	178	449321	36.529	ng		98
73) Carbazole	17.900	167	434612	36.861	ng		98
74) Di-n-butylphthalate	18.458	149	511038	38.644	ng		98
75) Fluoranthene	19.551	202	576362	39.045	ng		99
77) Benzidine	19.728	184	213104	48.864	ng		97
78) Pyrene	19.916	202	579147	36.857	ng		97
80) Butylbenzylphthalate	20.791	149	231324	39.019	ng		98
81) Benzo(a)anthracene	21.772	228	606148	38.996	ng		99
82) 3,3'-Dichlorobenzidine	21.684	252	212802	42.811	ng		96
83) Chrysene	21.843	228	575918	38.643	ng		97
84) Bis(2-ethylhexyl)phtha...	21.672	149	330494	39.109	ng		96
85) Di-n-octyl phthalate	22.930	149	566143	39.501	ng		96
87) Indeno(1,2,3-cd)pyrene	28.934	276	705685	40.534	ng	#	97
88) Benzo(b)fluoranthene	24.064	252	636396	38.591	ng	#	96
89) Benzo(k)fluoranthene	24.134	252	611802	39.102	ng	#	98
90) Benzo(a)pyrene	24.963	252	589727	39.176	ng		97
91) Dibenzo(a,h)anthracene	28.999	278	600006	41.237	ng	#	94
92) Benzo(g,h,i)perylene	30.127	276	585384	39.898	ng		95

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

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