Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061821\
Data File : BG049016.D
Acq On : 18 Jun 2021 12:18
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 18 12:59:15 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	8.108	152	36488	20.000	ng		0.00
21) Naphthalene-d8	10.934	136	155398	20.000	ng	#	0.00
39) Acenaphthene-d10	14.759	164	107646	20.000	ng		0.00
64) Phenanthrene-d10	17.503	188	242160	20.000	ng	#	0.00
76) Chrysene-d12	21.798	240	231951	20.000	ng		0.00
86) Perylene-d12	25.129	264	237648	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.658	112	178137	75.998	ng		0.00
7) Phenol-d6	7.262	99	253876	72.264	ng		0.00
23) Nitrobenzene-d5	9.277	82	256154	71.078	ng		0.00
42) 2,4,6-Tribromophenol	16.246	330	113379	71.091	ng		0.00
45) 2-Fluorobiphenyl	13.379	172	534977	70.206	ng		0.00
79) Terphenyl-d14	20.112	244	926320	73.139	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.537	88	38860	33.959	ng	#	79
3) Pyridine	3.943	79	113208	36.469	ng	#	89
4) n-Nitrosodimethylamine	3.854	42	62698	42.177	ng	#	67
6) Aniline	7.427	93	156914	35.467	ng	#	90
8) 2-Chlorophenol	7.673	128	95693	37.039	ng		83
9) Benzaldehyde	7.239	77	63562	34.965	ng		89
10) Phenol	7.292	94	131082	36.117	ng		94
11) bis(2-Chloroethyl)ether	7.521	93	94293	35.016	ng		82
12) 1,3-Dichlorobenzene	8.002	146	106840	37.019	ng		98
13) 1,4-Dichlorobenzene	8.143	146	107037	37.200	ng		96
14) 1,2-Dichlorobenzene	8.467	146	102222	36.930	ng		96
15) Benzyl Alcohol	8.343	79	114239	35.506	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.637	45	173567	34.064	ng		84
17) 2-Methylphenol	8.549	107	87345	36.697	ng		95
18) Hexachloroethane	9.207	117	43612	37.782	ng		96
19) n-Nitroso-di-n-propyla...	8.919	70	91612	33.361	ng	#	95
20) 3+4-Methylphenols	8.878	107	119137	36.610	ng		96
22) Acetophenone	8.937	105	160299	33.906	ng	#	96
24) Nitrobenzene	9.324	77	142698	35.151	ng		93
25) Isophorone	9.847	82	252026	32.100	ng		98
26) 2-Nitrophenol	10.035	139	54892	39.863	ng		91
27) 2,4-Dimethylphenol	10.094	122	82686	33.119	ng		98
28) bis(2-Chloroethoxy)met...	10.329	93	117678	32.369	ng		96
29) 2,4-Dichlorophenol	10.582	162	95966	34.262	ng		95
30) 1,2,4-Trichlorobenzene	10.793	180	112273	34.961	ng		98
31) Naphthalene	10.987	128	311960	33.697	ng		98
32) Benzoic acid	10.229	122	62285	38.194	ng	#	66
33) 4-Chloroaniline	11.087	127	130764	33.266	ng		95
34) Hexachlorobutadiene	11.269	225	81193	35.474	ng		98
35) Caprolactam	11.863	113	29890	36.916	ng	#	48
36) 4-Chloro-3-methylphenol	12.203	107	114284	33.381	ng	#	90
37) 2-Methylnaphthalene	12.585	142	229961	32.886	ng		95
38) 1-Methylnaphthalene	12.803	142	215902	32.887	ng		93
40) 1,2,4,5-Tetrachloroben...	12.950	216	119556	34.977	ng		98
41) Hexachlorocyclopentadiene	12.932	237	79518	36.188	ng		93
43) 2,4,6-Trichlorophenol	13.191	196	89373	39.077	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.267	196	93830	39.676	ng		93
46) 1,1'-Biphenyl	13.590	154	272868	34.383	ng		96
47) 2-Chloronaphthalene	13.631	162	222057	35.038	ng		97
48) 2-Nitroaniline	13.831	65	84676	38.444	ng		94
49) Acenaphthylene	14.477	152	358256	33.923	ng		96
50) Dimethylphthalate	14.207	163	293362	34.986	ng		98
51) 2,6-Dinitrotoluene	14.324	165	65452	38.329	ng		94
52) Acenaphthene	14.818	154	236861	34.797	ng		92
53) 3-Nitroaniline	14.654	138	65469	37.869	ng		86
54) 2,4-Dinitrophenol	14.853	184	34298	43.361	ng		89
55) Dibenzofuran	15.153	168	359076	33.936	ng		98
56) 4-Nitrophenol	14.965	139	55384	39.295	ng		88
57) 2,4-Dinitrotoluene	15.106	165	90014	42.915	ng		94
58) Fluorene	15.805	166	290282	33.550	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.376	232	85762	35.826	ng		97
60) Diethylphthalate	15.570	149	308227	33.940	ng		95
61) 4-Chlorophenyl-phenyle...	15.793	204	154807	34.218	ng		96
62) 4-Nitroaniline	15.817	138	67270	38.475	ng	#	85
63) Azobenzene	16.087	77	330527	31.809	ng		88
65) 4,6-Dinitro-2-methylph...	15.870	198	53434	46.532	ng		86
66) n-Nitrosodiphenylamine	16.005	169	253774	33.627	ng		97
67) 4-Bromophenyl-phenylether	16.692	248	102428	33.875	ng		95
68) Hexachlorobenzene	16.810	284	114577	34.962	ng		96
69) Atrazine	16.951	200	88015	36.335	ng		98
70) Pentachlorophenol	17.151	266	70596	35.844	ng		97
71) Phenanthrene	17.550	178	457941	33.608	ng		98
72) Anthracene	17.638	178	456769	33.361	ng		99
73) Carbazole	17.909	167	443719	33.809	ng		99
74) Di-n-butylphthalate	18.461	149	526444	35.763	ng		98
75) Fluoranthene	19.554	202	578729	35.222	ng		98
77) Benzidine	19.730	184	182625	39.084	ng		97
78) Pyrene	19.918	202	584419	34.713	ng		97
80) Butylbenzylphthalate	20.799	149	236750	37.272	ng		97
81) Benzo(a)anthracene	21.775	228	587713	35.289	ng		99
82) 3,3'-Dichlorobenzidine	21.686	252	203769	38.261	ng		98
83) Chrysene	21.845	228	566666	35.488	ng		97
84) Bis(2-ethylhexyl)phtha...	21.681	149	327440	36.165	ng		96
85) Di-n-octyl phthalate	22.932	149	563755	36.713	ng		96
87) Indeno(1,2,3-cd)pyrene	28.943	276	676025	37.798	ng		98
88) Benzo(b)fluoranthene	24.066	252	611666	36.105	ng	#	95
89) Benzo(k)fluoranthene	24.137	252	582089	36.214	ng	#	96
90) Benzo(a)pyrene	24.971	252	566998	36.665	ng	#	97
91) Dibenzo(a,h)anthracene	29.013	278	577306	38.622	ng	#	94
92) Benzo(g,h,i)perylene	30.135	276	565582	37.524	ng	#	96

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

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