Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112221\
Data File : BG051165.D
Acq On : 22 Nov 2021 10:06
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Nov 22 17:15:42 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 16:26:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.206	152	26752	20.000	ng		0.00
21) Naphthalene-d8	11.032	136	112867	20.000	ng	#	0.00
39) Acenaphthene-d10	14.840	164	80003	20.000	ng		0.00
64) Phenanthrene-d10	17.589	188	187864	20.000	ng	#	0.00
76) Chrysene-d12	21.890	240	169831	20.000	ng	#	0.00
86) Perylene-d12	25.292	264	172901	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.745	112	132209	76.396	ng		0.00
7) Phenol-d6	7.360	99	189455	77.727	ng		0.00
23) Nitrobenzene-d5	9.387	82	196807	79.598	ng		0.00
42) 2,4,6-Tribromophenol	16.332	330	68430	80.475	ng		0.00
45) 2-Fluorobiphenyl	13.459	172	410597	77.444	ng		0.00
79) Terphenyl-d14	20.181	244	704874	75.874	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.582	88	28952	39.897	ng		95
3) Pyridine	4.000	79	86181	39.920	ng	#	88
4) n-Nitrosodimethylamine	3.911	42	37956	40.892	ng	#	32
6) Aniline	7.525	93	110788	38.263	ng		96
8) 2-Chlorophenol	7.766	128	70187	38.644	ng		95
9) Benzaldehyde	7.337	77	62990	35.719	ng		91
10) Phenol	7.390	94	98106	39.209	ng	#	81
11) bis(2-Chloroethyl)ether	7.613	93	73723	38.973	ng		91
12) 1,3-Dichlorobenzene	8.095	146	75711	38.964	ng		95
13) 1,4-Dichlorobenzene	8.242	146	77087	38.268	ng		97
14) 1,2-Dichlorobenzene	8.565	146	74035	38.744	ng		94
15) Benzyl Alcohol	8.447	79	77195	39.639	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.723	45	105413	38.549	ng		87
17) 2-Methylphenol	8.647	107	65647	38.863	ng	#	90
18) Hexachloroethane	9.293	117	28990	38.512	ng		95
19) n-Nitroso-di-n-propyla...	9.011	70	68607	38.133	ng	#	87
20) 3+4-Methylphenols	8.982	107	93209	38.719	ng		93
22) Acetophenone	9.035	105	118824	38.969	ng		95
24) Nitrobenzene	9.428	77	96575	40.275	ng		91
25) Isophorone	9.945	82	174766	39.262	ng	#	95
26) 2-Nitrophenol	10.139	139	43783	40.335	ng	#	87
27) 2,4-Dimethylphenol	10.192	122	61984	38.686	ng		92
28) bis(2-Chloroethoxy)met...	10.421	93	102718	38.752	ng		92
29) 2,4-Dichlorophenol	10.686	162	71431	39.502	ng		96
30) 1,2,4-Trichlorobenzene	10.891	180	79541	39.160	ng		96
31) Naphthalene	11.085	128	229491	38.532	ng		98
32) Benzoic acid	10.345	122	42730	38.823	ng	#	81
33) 4-Chloroaniline	11.197	127	101754	39.756	ng		95
34) Hexachlorobutadiene	11.350	225	48829	38.936	ng		97
35) Caprolactam	11.973	113	19704	40.801	ng	#	72
36) 4-Chloro-3-methylphenol	12.307	107	90461	40.517	ng	#	96
37) 2-Methylnaphthalene	12.678	142	162562	38.527	ng		93
38) 1-Methylnaphthalene	12.895	142	160207	38.891	ng		96
40) 1,2,4,5-Tetrachloroben...	13.036	216	94693	38.945	ng		97
41) Hexachlorocyclopentadiene	13.007	237	23937	41.196	ng		90
43) 2,4,6-Trichlorophenol	13.283	196	67972	40.546	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.359	196	71717	39.580	ng		92
46) 1,1'-Biphenyl	13.671	154	223075	38.790	ng		96
47) 2-Chloronaphthalene	13.723	162	175606	38.570	ng		97
48) 2-Nitroaniline	13.929	65	67314	40.906	ng	#	84
49) Acenaphthylene	14.564	152	283670	39.079	ng		98
50) Dimethylphthalate	14.282	163	241965	39.257	ng		100
51) 2,6-Dinitrotoluene	14.417	165	51473	39.983	ng	#	79
52) Acenaphthene	14.904	154	167656	39.573	ng		95
53) 3-Nitroaniline	14.752	138	59672	41.378	ng		95
54) 2,4-Dinitrophenol	14.963	184	28382	41.327	ng		83
55) Dibenzofuran	15.233	168	286771	38.977	ng		96
56) 4-Nitrophenol	15.063	139	44721	44.084	ng	#	71
57) 2,4-Dinitrotoluene	15.204	165	76617	41.549	ng	#	91
58) Fluorene	15.886	166	226717	39.247	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.463	232	62357	40.085	ng	#	97
60) Diethylphthalate	15.633	149	256414	39.450	ng		97
61) 4-Chlorophenyl-phenyle...	15.868	204	124443	39.406	ng		97
62) 4-Nitroaniline	15.915	138	61454	39.849	ng	#	63
63) Azobenzene	16.162	77	258214	39.668	ng		82
65) 4,6-Dinitro-2-methylph...	15.974	198	47375	42.226	ng		91
66) n-Nitrosodiphenylamine	16.085	169	208766	38.724	ng		97
67) 4-Bromophenyl-phenylether	16.767	248	78831	38.797	ng		93
68) Hexachlorobenzene	16.890	284	77329	37.444	ng		96
69) Atrazine	17.025	200	54109	37.740	ng		97
70) Pentachlorophenol	17.237	266	39068	41.611	ng		96
71) Phenanthrene	17.631	178	388300	38.455	ng		97
72) Anthracene	17.725	178	384646	38.399	ng		98
73) Carbazole	17.995	167	375691	38.130	ng		99
74) Di-n-butylphthalate	18.518	149	451243	37.829	ng	#	96
75) Fluoranthene	19.634	202	475244	38.177	ng		96
77) Benzidine	19.810	184	69374	24.877	ng		96
78) Pyrene	19.998	202	479078	38.897	ng		98
80) Butylbenzylphthalate	20.856	149	199405	37.976	ng		96
81) Benzo(a)anthracene	21.873	228	445261	38.444	ng		99
82) 3,3'-Dichlorobenzidine	21.779	252	184564	35.660	ng	#	97
83) Chrysene	21.943	228	415932	38.247	ng		96
84) Bis(2-ethylhexyl)phtha...	21.732	149	281251	38.453	ng	#	98
85) Di-n-octyl phthalate	22.995	149	476553	38.886	ng		99
87) Indeno(1,2,3-cd)pyrene	29.211	276	476991	38.440	ng	#	90
88) Benzo(b)fluoranthene	24.205	252	415422	38.976	ng	#	92
89) Benzo(k)fluoranthene	24.276	252	412018	38.109	ng	#	98
90) Benzo(a)pyrene	25.134	252	355277	38.414	ng	#	96
91) Dibenzo(a,h)anthracene	29.276	278	390857	38.235	ng	#	93
92) Benzo(g,h,i)perylene	30.451	276	387280	38.306	ng	#	91

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

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