Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111321\
Data File : BG051032.D
Acq On : 13 Nov 2021 20:52
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG111321

Quant Time: Nov 15 03:59:00 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 03:55:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.224	152	37509	20.000	ng		0.00
21) Naphthalene-d8	11.050	136	163298	20.000	ng	#	0.00
39) Acenaphthene-d10	14.851	164	110753	20.000	ng		0.00
64) Phenanthrene-d10	17.601	188	257919	20.000	ng	#	0.00
76) Chrysene-d12	21.902	240	224927	20.000	ng	#	0.00
86) Perylene-d12	25.304	264	230236	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.762	112	200035	79.776	ng		0.00
7) Phenol-d6	7.372	99	287790	81.316	ng		0.00
23) Nitrobenzene-d5	9.399	82	290536	78.758	ng		0.00
42) 2,4,6-Tribromophenol	16.338	330	91465	82.525	ng		0.00
45) 2-Fluorobiphenyl	13.476	172	567452	80.954	ng		0.00
79) Terphenyl-d14	20.186	244	975855	79.386	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.611	88	44863	40.741	ng		91
3) Pyridine	4.028	79	136475	40.996	ng	#	89
4) n-Nitrosodimethylamine	3.940	42	57646	39.038	ng	#	34
6) Aniline	7.548	93	170368	40.419	ng		95
8) 2-Chlorophenol	7.789	128	102611	39.842	ng		95
9) Benzaldehyde	7.360	77	101592	39.891	ng		90
10) Phenol	7.401	94	148309	40.804	ng		82
11) bis(2-Chloroethyl)ether	7.636	93	112078	40.018	ng		89
12) 1,3-Dichlorobenzene	8.112	146	112430	40.081	ng		94
13) 1,4-Dichlorobenzene	8.259	146	112857	39.973	ng		96
14) 1,2-Dichlorobenzene	8.582	146	108978	39.743	ng		94
15) Benzyl Alcohol	8.464	79	113818	40.887	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.746	45	168007	37.422	ng		85
17) 2-Methylphenol	8.658	107	99197	40.989	ng	#	90
18) Hexachloroethane	9.310	117	42088	39.272	ng		93
19) n-Nitroso-di-n-propyla...	9.028	70	103756	39.671	ng	#	86
20) 3+4-Methylphenols	8.993	107	141201	41.346	ng		95
22) Acetophenone	9.058	105	178271	39.279	ng	#	94
24) Nitrobenzene	9.446	77	144600	39.759	ng		90
25) Isophorone	9.969	82	263356	39.498	ng	#	95
26) 2-Nitrophenol	10.157	139	63094	40.818	ng	#	86
27) 2,4-Dimethylphenol	10.204	122	97622	41.434	ng		93
28) bis(2-Chloroethoxy)met...	10.439	93	153190	38.652	ng		93
29) 2,4-Dichlorophenol	10.697	162	102420	40.658	ng		95
30) 1,2,4-Trichlorobenzene	10.909	180	113141	40.091	ng		96
31) Naphthalene	11.102	128	344635	39.304	ng		98
32) Benzoic acid	10.345	122	74231	40.880	ng	#	82
33) 4-Chloroaniline	11.208	127	149685	40.404	ng		96
34) Hexachlorobutadiene	11.367	225	67187	39.126	ng		95
35) Caprolactam	11.996	113	28933	42.243	ng	#	78
36) 4-Chloro-3-methylphenol	12.313	107	128877	41.006	ng	#	93
37) 2-Methylnaphthalene	12.689	142	236882	39.756	ng		92
38) 1-Methylnaphthalene	12.906	142	229952	39.492	ng		93
40) 1,2,4,5-Tetrachloroben...	13.053	216	127337	39.466	ng		97
41) Hexachlorocyclopentadiene	13.024	237	46250	42.092	ng		95
43) 2,4,6-Trichlorophenol	13.288	196	92012	39.970	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.365	196	98205	40.001	ng		93
46) 1,1'-Biphenyl	13.688	154	316763	39.167	ng		96
47) 2-Chloronaphthalene	13.735	162	248697	39.219	ng		98
48) 2-Nitroaniline	13.940	65	98725	40.655	ng		91
49) Acenaphthylene	14.581	152	401120	39.112	ng		98
50) Dimethylphthalate	14.299	163	344416	39.524	ng		100
51) 2,6-Dinitrotoluene	14.422	165	72300	40.313	ng	#	81
52) Acenaphthene	14.916	154	236611	39.595	ng		94
53) 3-Nitroaniline	14.757	138	87448	41.720	ng		95
54) 2,4-Dinitrophenol	14.969	184	43092	43.937	ng	#	79
55) Dibenzofuran	15.251	168	401908	39.542	ng		97
56) 4-Nitrophenol	15.057	139	68564	42.759	ng	#	71
57) 2,4-Dinitrotoluene	15.209	165	105130	41.314	ng		94
58) Fluorene	15.897	166	315182	39.725	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.474	232	87079	41.646	ng	#	97
60) Diethylphthalate	15.650	149	367866	40.230	ng		97
61) 4-Chlorophenyl-phenyle...	15.879	204	170741	39.842	ng		98
62) 4-Nitroaniline	15.920	138	93607	42.963	ng	#	63
63) Azobenzene	16.173	77	382567	39.481	ng		81
65) 4,6-Dinitro-2-methylph...	15.979	198	67377	42.225	ng		92
66) n-Nitrosodiphenylamine	16.097	169	289726	39.115	ng		97
67) 4-Bromophenyl-phenylether	16.778	248	105867	39.186	ng		94
68) Hexachlorobenzene	16.896	284	105382	39.628	ng	#	94
69) Atrazine	17.037	200	77575	42.122	ng		98
70) Pentachlorophenol	17.242	266	65967	43.713	ng		98
71) Phenanthrene	17.642	178	544688	39.592	ng		97
72) Anthracene	17.730	178	539839	39.454	ng		98
73) Carbazole	18.000	167	545312	40.243	ng		98
74) Di-n-butylphthalate	18.529	149	656626	40.899	ng	#	96
75) Fluoranthene	19.640	202	661847	39.213	ng		96
77) Benzidine	19.816	184	184963	43.504	ng		98
78) Pyrene	20.004	202	673116	39.891	ng		97
80) Butylbenzylphthalate	20.868	149	292370	40.310	ng		96
81) Benzo(a)anthracene	21.878	228	618722	40.061	ng		100
82) 3,3'-Dichlorobenzidine	21.784	252	285410	40.406	ng	#	99
83) Chrysene	21.949	228	581782	39.931	ng		96
84) Bis(2-ethylhexyl)phtha...	21.743	149	408502	39.998	ng	#	97
85) Di-n-octyl phthalate	23.012	149	688526	40.050	ng		99
87) Indeno(1,2,3-cd)pyrene	29.228	276	653991	40.019	ng	#	97
88) Benzo(b)fluoranthene	24.211	252	577453	39.845	ng	#	93
89) Benzo(k)fluoranthene	24.287	252	568513	39.332	ng	#	97
90) Benzo(a)pyrene	25.145	252	495547	40.052	ng	#	94
91) Dibenzo(a,h)anthracene	29.287	278	537137	39.922	ng	#	90
92) Benzo(g,h,i)perylene	30.456	276	535068	40.410	ng	#	93

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

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