Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111921\
Data File : BG051133.D
Acq On : 19 Nov 2021 22:05
Operator : CG/JU
Sample : M4758-13MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP7MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 20 03:38:31 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	8.209	152	24400	20.000	ng		# 0.00
21) Naphthalene-d8	11.035	136	102843	20.000	ng		# 0.00
39) Acenaphthene-d10	14.836	164	74492	20.000	ng		0.00
64) Phenanthrene-d10	17.586	188	178811	20.000	ng		# 0.00
76) Chrysene-d12	21.881	240	163384	20.000	ng		# 0.00
86) Perylene-d12	25.277	264	164557	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.747	112	148627	94.162	ng		0.00
7) Phenol-d6	7.363	99	202604	91.134	ng		0.00
23) Nitrobenzene-d5	9.384	82	139109	61.746	ng		0.00
42) 2,4,6-Tribromophenol	16.329	330	76416	96.515	ng		0.00
45) 2-Fluorobiphenyl	13.456	172	288233	58.387	ng		0.00
79) Terphenyl-d14	20.171	244	501252	56.085	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.585	88	27610	41.716	ng		93
3) Pyridine	3.996	79	64074	32.541	ng	#	89
4) n-Nitrosodimethylamine	3.914	42	40216	47.504	ng	#	35
6) Aniline	7.521	93	70191	26.579	ng	#	95
8) 2-Chlorophenol	7.768	128	82348	49.710	ng		90
9) Benzaldehyde	7.339	77	56148	34.908	ng		89
10) Phenol	7.392	94	117963	51.689	ng	#	80
11) bis(2-Chloroethyl)ether	7.615	93	78169	45.306	ng		90
12) 1,3-Dichlorobenzene	8.091	146	81862	46.191	ng		93
13) 1,4-Dichlorobenzene	8.244	146	82325	44.808	ng		96
14) 1,2-Dichlorobenzene	8.561	146	79371	45.541	ng		95
15) Benzyl Alcohol	8.444	79	85171	47.951	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.726	45	110756	44.407	ng		88
17) 2-Methylphenol	8.649	107	75889	49.257	ng		91
18) Hexachloroethane	9.290	117	31734	46.221	ng		94
19) n-Nitroso-di-n-propyla...	9.008	70	71515	43.580	ng	#	86
20) 3+4-Methylphenols	8.979	107	104233	47.471	ng		93
22) Acetophenone	9.037	105	124031	44.642	ng	#	93
24) Nitrobenzene	9.425	77	104018	47.607	ng		91
25) Isophorone	9.942	82	186709	46.033	ng	#	95
26) 2-Nitrophenol	10.142	139	47211	47.732	ng	#	84
27) 2,4-Dimethylphenol	10.189	122	78840	54.003	ng		95
28) bis(2-Chloroethoxy)met...	10.418	93	107042	44.319	ng		94
29) 2,4-Dichlorophenol	10.682	162	83112	50.442	ng		97
30) 1,2,4-Trichlorobenzene	10.888	180	83828	45.293	ng		93
31) Naphthalene	11.082	128	248759	45.839	ng		97
32) Benzoic acid	10.347	122	57305	55.164	ng	#	80
33) 4-Chloroaniline	11.194	127	35049	15.029	ng	#	91
34) Hexachlorobutadiene	11.346	225	51420	44.999	ng		97
35) Caprolactam	11.975	113	32088m	72.921	ng		
36) 4-Chloro-3-methylphenol	12.304	107	102665	50.464	ng		95
37) 2-Methylnaphthalene	12.674	142	181730	47.267	ng		92
38) 1-Methylnaphthalene	12.892	142	167111	44.521	ng		93
40) 1,2,4,5-Tetrachloroben...	13.038	216	99037	43.745	ng		97
41) Hexachlorocyclopentadiene	13.003	237	80503	121.966	ng		92
43) 2,4,6-Trichlorophenol	13.279	196	74641	47.817	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.356	196	81271	48.171	ng		91
46) 1,1'-Biphenyl	13.667	154	238079	44.462	ng		96
47) 2-Chloronaphthalene	13.720	162	191419	45.153	ng		97
48) 2-Nitroaniline	13.926	65	74751	48.786	ng		88
49) Acenaphthylene	14.560	152	313897	46.442	ng		96
50) Dimethylphthalate	14.278	163	267116	46.544	ng		99
51) 2,6-Dinitrotoluene	14.413	165	59096	49.300	ng	#	78
52) Acenaphthene	14.901	154	183151	46.429	ng		91
53) 3-Nitroaniline	14.748	138	30663	22.835	ng		95
54) 2,4-Dinitrophenol	14.960	184	70346	104.760	ng		84
55) Dibenzofuran	15.236	168	304952	44.514	ng		96
56) 4-Nitrophenol	15.060	139	101341	107.288	ng	#	74
57) 2,4-Dinitrotoluene	15.201	165	85054	49.537	ng	#	91
58) Fluorene	15.882	166	250318	46.539	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.459	232	72474	50.036	ng	#	98
60) Diethylphthalate	15.630	149	285038	47.098	ng		97
61) 4-Chlorophenyl-phenyle...	15.865	204	136703	46.490	ng		96
62) 4-Nitroaniline	15.912	138	64227	44.729	ng	#	63
63) Azobenzene	16.158	77	282983	46.689	ng		82
65) 4,6-Dinitro-2-methylph...	15.970	198	51095	47.848	ng		89
66) n-Nitrosodiphenylamine	16.082	169	231689	45.152	ng		97
67) 4-Bromophenyl-phenylether	16.758	248	87055	45.014	ng		93
68) Hexachlorobenzene	16.887	284	89884	45.727	ng		97
69) Atrazine	17.022	200	96396	70.637	ng		97
70) Pentachlorophenol	17.234	266	97588	109.204	ng		97
71) Phenanthrene	17.627	178	436008	45.366	ng		97
72) Anthracene	17.721	178	444288	46.599	ng		98
73) Carbazole	17.991	167	403724	43.050	ng		99
74) Di-n-butylphthalate	18.514	149	500955	44.122	ng	#	96
75) Fluoranthene	19.625	202	529188	44.663	ng		96
77) Benzidine	19.801	184	165885	61.833	ng		98
78) Pyrene	19.989	202	532566	44.946	ng		99
80) Butylbenzylphthalate	20.847	149	221447	43.838	ng		97
81) Benzo(a)anthracene	21.863	228	492507	44.201	ng		100
82) 3,3'-Dichlorobenzidine	21.764	252	92380	18.553	ng	#	98
83) Chrysene	21.928	228	475866	45.484	ng		96
84) Bis(2-ethylhexyl)phtha...	21.722	149	319962	45.471	ng		97
85) Di-n-octyl phthalate	22.986	149	543601	46.107	ng		99
87) Indeno(1,2,3-cd)pyrene	29.196	276	541095	45.818	ng	#	89
88) Benzo(b)fluoranthene	24.190	252	494927	48.790	ng	#	94
89) Benzo(k)fluoranthene	24.261	252	471158	45.788	ng	#	98
90) Benzo(a)pyrene	25.118	252	477436	54.239	ng	#	94
91) Dibenzo(a,h)anthracene	29.249	278	453553	46.618	ng	#	95
92) Benzo(g,h,i)perylene	30.418	276	454480	47.232	ng	#	92

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

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