Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102121\
Data File : BG050673.D
Acq On : 21 Oct 2021 19:03
Operator : CG/JU
Sample : M4300-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 22 04:02:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TH-CDMSD

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.247	152	34365	20.00	ng		-0.01
21) Naphthalene-d8	11.073	136	150035	20.00	ng		#-0.01
39) Acenaphthene-d10	14.874	164	102742	20.00	ng		0.00
64) Phenanthrene-d10	17.618	188	240405	20.00	ng		# 0.00
76) Chrysene-d12	21.919	240	209201	20.00	ng		# 0.00
86) Perylene-d12	25.327	264	207134	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.791	112	277284	120.67	ng		0.00
7) Phenol-d6	7.395	99	381801	114.76	ng		0.00
23) Nitrobenzene-d5	9.422	82	261841	72.24	ng		0.00
42) 2,4,6-Tribromophenol	16.355	330	113962	116.29	ng		0.00
45) 2-Fluorobiphenyl	13.494	172	469742	68.81	ng		-0.01
79) Terphenyl-d14	20.204	244	756584	70.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.646	88	43110	36.22	ng		93
3) Pyridine	4.052	79	100328	30.86	ng		94
4) n-Nitrosodimethylamine	3.970	42	65931	43.03	ng	#	44
6) Aniline	7.571	93	135903	35.16	ng		94
8) 2-Chlorophenol	7.812	128	111472	50.38	ng		88
9) Benzaldehyde	7.383	77	82172	39.06	ng		91
10) Phenol	7.424	94	158247	48.92	ng		87
11) bis(2-Chloroethyl)ether	7.659	93	112862	44.70	ng		87
12) 1,3-Dichlorobenzene	8.135	146	114185	44.71	ng		96
13) 1,4-Dichlorobenzene	8.288	146	116718	45.33	ng		97
14) 1,2-Dichlorobenzene	8.605	146	112298	45.66	ng		96
15) Benzyl Alcohol	8.482	79	127197	48.38	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.776	45	184733	44.87	ng		86
17) 2-Methylphenol	8.688	107	106936	50.24	ng		91
18) Hexachloroethane	9.340	117	45063	46.24	ng		93
19) n-Nitroso-di-n-propyla...	9.052	70	107088	44.16	ng	#	88
20) 3+4-Methylphenols	9.011	107	145040	48.41	ng		94
22) Acetophenone	9.075	105	179229	42.02	ng	#	96
24) Nitrobenzene	9.463	77	155629	43.18	ng		95
25) Isophorone	9.986	82	274854	42.75	ng	#	96
26) 2-Nitrophenol	10.180	139	63096	47.68	ng	#	91
27) 2,4-Dimethylphenol	10.221	122	117226	51.27	ng		91
28) bis(2-Chloroethoxy)met...	10.462	93	153656	41.80	ng		93
29) 2,4-Dichlorophenol	10.715	162	111430	47.82	ng		98
30) 1,2,4-Trichlorobenzene	10.932	180	112141	42.37	ng		97
31) Naphthalene	11.126	128	347538	43.28	ng		99
32) Benzoic acid	10.368	122	72406	42.67	ng	#	78
33) 4-Chloroaniline	11.232	127	80199	23.80	ng		97
34) Hexachlorobutadiene	11.396	225	69426	41.78	ng		97
35) Caprolactam	12.007	113	44716m	50.14	ng		
36) 4-Chloro-3-methylphenol	12.330	107	137708	47.28	ng	#	90
37) 2-Methylnaphthalene	12.712	142	251069	45.31	ng		92
38) 1-Methylnaphthalene	12.930	142	231597	43.10	ng		94
40) 1,2,4,5-Tetrachloroben...	13.071	216	125533	41.38	ng		97
41) Hexachlorocyclopentadiene	13.047	237	150560	85.86	ng		89
43) 2,4,6-Trichlorophenol	13.306	196	91839	42.96	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.382	196	101383	45.36	ng		92
46) 1,1'-Biphenyl	13.705	154	310295	41.41	ng		94
47) 2-Chloronaphthalene	13.752	162	247494	43.01	ng		99
48) 2-Nitroaniline	13.952	65	109504	47.84	ng		97
49) Acenaphthylene	14.598	152	410490	43.54	ng		97
50) Dimethylphthalate	14.316	163	336669	43.35	ng		99
51) 2,6-Dinitrotoluene	14.440	165	74491	47.89	ng		90
52) Acenaphthene	14.933	154	293096m	48.38	ng		
53) 3-Nitroaniline	14.775	138	54131	29.42	ng		98
54) 2,4-Dinitrophenol	14.980	184	85024	88.11	ng		90
55) Dibenzofuran	15.268	168	392743	41.91	ng		98
56) 4-Nitrophenol	15.074	139	139123	94.00	ng	#	83
57) 2,4-Dinitrotoluene	15.227	165	106447	48.55	ng		96
58) Fluorene	15.914	166	316695	44.00	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.486	232	83861	43.07	ng		91
60) Diethylphthalate	15.668	149	359976	44.12	ng		97
61) 4-Chlorophenyl-phenyle...	15.897	204	168414	42.76	ng		99
62) 4-Nitroaniline	15.938	138	86470	45.17	ng	#	66
63) Azobenzene	16.191	77	402806	42.65	ng		83
65) 4,6-Dinitro-2-methylph...	15.985	198	60295	41.76	ng		90
66) n-Nitrosodiphenylamine	16.114	169	287894	42.15	ng		97
67) 4-Bromophenyl-phenylether	16.796	248	102799	42.43	ng		98
68) Hexachlorobenzene	16.913	284	103648	43.05	ng	#	91
69) Atrazine	17.054	200	122179	45.41	ng		98
70) Pentachlorophenol	17.260	266	132132	80.62	ng		98
71) Phenanthrene	17.659	178	550041	43.42	ng		98
72) Anthracene	17.748	178	558318	44.35	ng		98
73) Carbazole	18.018	167	524899	41.84	ng		99
74) Di-n-butylphthalate	18.553	149	649661	44.12	ng	#	97
75) Fluoranthene	19.657	202	660514	42.42	ng		96
77) Benzidine	19.828	184	282198	41.62	ng		96
78) Pyrene	20.016	202	673196	45.36	ng		97
80) Butylbenzylphthalate	20.885	149	280330	44.65	ng		96
81) Benzo(a)anthracene	21.896	228	599991	43.34	ng		99
82) 3,3'-Dichlorobenzidine	21.802	252	136322	29.72	ng	#	99
83) Chrysene	21.966	228	571184	43.87	ng		96
84) Bis(2-ethylhexyl)phtha...	21.766	149	401124	44.97	ng	#	97
85) Di-n-octyl phthalate	23.041	149	678878	45.63	ng		96
87) Indeno(1,2,3-cd)pyrene	29.258	276	646333	44.80	ng	#	93
88) Benzo(b)fluoranthene	24.240	252	592204	46.68	ng	#	92
89) Benzo(k)fluoranthene	24.311	252	568595	45.56	ng	#	97
90) Benzo(a)pyrene	25.174	252	570213	52.87	ng	#	95
91) Dibenzo(a,h)anthracene	29.328	278	539556	45.22	ng	#	92
92) Benzo(g,h,i)perylene	30.497	276	534766	45.76	ng	#	91

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

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