Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040621\
Data File : BG048606.D
Acq On : 6 Apr 2021 16:25
Operator : CG/JU
Sample : M1933-06MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_01_2-2.5MSD

Manual Integrations APPROVED
mohammad
4/8/2021 8:06:42 AM

Quant Time: Apr 06 17:25:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.085	152	22659	20.00	ng	#	0.00
21) Naphthalene-d8	10.917	136	98416	20.00	ng		0.00
39) Acenaphthene-d10	14.747	164	71094	20.00	ng		0.00
64) Phenanthrene-d10	17.503	188	183660	20.00	ng		0.00
76) Chrysene-d12	21.804	240	176628	20.00	ng	#	0.00
86) Perylene-d12	25.141	264	170181	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.635	112	124844	97.27	ng		0.00
7) Phenol-d6	7.244	99	168419	90.48	ng		0.00
23) Nitrobenzene-d5	9.260	82	115032	56.59	ng		0.00
42) 2,4,6-Tribromophenol	16.240	330	92859	99.36	ng		0.00
45) 2-Fluorobiphenyl	13.361	172	266995	55.82	ng		0.00
79) Terphenyl-d14	20.112	244	472442	48.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.496	88	19682	38.12	ng	#	96
3) Pyridine	3.901	79	56302	43.49	ng		97
4) n-Nitrosodimethylamine	3.813	42	40245	47.58	ng		100
6) Aniline	7.403	93	26303	12.30	ng		93
8) 2-Chlorophenol	7.650	128	74709	51.51	ng		93
9) Benzaldehyde	7.215	77	52400	44.04	ng		97
10) Phenol	7.268	94	97381	52.26	ng		96
11) bis(2-Chloroethyl)ether	7.497	93	59212	45.79	ng		97
12) 1,3-Dichlorobenzene	7.979	146	75666	46.31	ng		91
13) 1,4-Dichlorobenzene	8.126	146	81608	49.54	ng		97
14) 1,2-Dichlorobenzene	8.449	146	78765m	49.92	ng		
15) Benzyl Alcohol	8.326	79	76627	50.26	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.613	45	57397	46.02	ng		96
17) 2-Methylphenol	8.537	107	61222	50.77	ng		93
18) Hexachloroethane	9.183	117	29489	48.17	ng	#	77
19) n-Nitroso-di-n-propyla...	8.895	70	56078	43.71	ng	#	90
20) 3+4-Methylphenols	8.860	107	86010	51.39	ng		97
22) Acetophenone	8.919	105	110203	43.43	ng	#	97
24) Nitrobenzene	9.301	77	88335	44.28	ng		97
25) Isophorone	9.830	82	156048	41.57	ng		96
26) 2-Nitrophenol	10.018	139	42017	45.84	ng	#	88
27) 2,4-Dimethylphenol	10.076	122	76859	53.29	ng		97
28) bis(2-Chloroethoxy)met...	10.311	93	82602	48.01	ng		98
29) 2,4-Dichlorophenol	10.558	162	77648	47.54	ng		93
30) 1,2,4-Trichlorobenzene	10.776	180	83802	44.66	ng		95
31) Naphthalene	10.970	128	221262	43.73	ng		98
32) Benzoic acid	10.223	122	58204	52.46	ng	#	85
33) 4-Chloroaniline	11.075	127	14196	6.65	ng	#	86
34) Hexachlorobutadiene	11.252	225	59357	43.31	ng		90
35) Caprolactam	11.857	113	28604m	48.01	ng		
36) 4-Chloro-3-methylphenol	12.197	107	91423	49.85	ng		98
37) 2-Methylnaphthalene	12.573	142	177584	44.08	ng		96
38) 1-Methylnaphthalene	12.791	142	168411	43.84	ng		99
40) 1,2,4,5-Tetrachloroben...	12.938	216	105429	47.84	ng		99
41) Hexachlorocyclopentadiene	12.914	237	132902	104.10	ng		90
43) 2,4,6-Trichlorophenol	13.179	196	75152	49.61	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.255	196	80275	49.53	ng	#	93
46) 1,1'-Biphenyl	13.578	154	235363	45.31	ng		95
47) 2-Chloronaphthalene	13.619	162	180517	45.61	ng		98
48) 2-Nitroaniline	13.819	65	63646	50.59	ng		88
49) Acenaphthylene	14.471	152	307819	49.61	ng		97
50) Dimethylphthalate	14.195	163	265168	50.25	ng		99
51) 2,6-Dinitrotoluene	14.313	165	59751	49.50	ng		93
52) Acenaphthene	14.812	154	194838	43.42	ng		99
53) 3-Nitroaniline	14.642	138	6686	5.65	ng	#	89
54) 2,4-Dinitrophenol	14.853	184	81696	120.35	ng		93
55) Dibenzofuran	15.147	168	294409	44.92	ng		94
56) 4-Nitrophenol	14.959	139	100228	104.89	ng		90
57) 2,4-Dinitrotoluene	15.106	165	81007	47.44	ng		99
58) Fluorene	15.793	166	254066	46.31	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.370	232	78917	49.91	ng		98
60) Diethylphthalate	15.558	149	267014	49.25	ng		98
61) 4-Chlorophenyl-phenyle...	15.781	204	136032	46.08	ng		95
62) 4-Nitroaniline	15.811	138	55943	45.18	ng		97
63) Azobenzene	16.075	77	234379	43.94	ng		97
65) 4,6-Dinitro-2-methylph...	15.870	198	52500	47.57	ng		90
66) n-Nitrosodiphenylamine	15.999	169	226119	43.27	ng		98
67) 4-Bromophenyl-phenylether	16.680	248	92488	45.43	ng		94
68) Hexachlorobenzene	16.798	284	95883	45.10	ng		96
69) Atrazine	16.945	200	99014	46.46	ng		96
70) Pentachlorophenol	17.145	266	124734	94.40	ng		95
71) Phenanthrene	17.544	178	416486	43.68	ng		97
72) Anthracene	17.638	178	429505	45.21	ng		99
73) Carbazole	17.903	167	387976	43.06	ng		97
74) Di-n-butylphthalate	18.455	149	449868	44.69	ng		99
75) Fluoranthene	19.554	202	510098	43.16	ng		97
77) Benzidine	19.730	184	173982	29.09	ng		98
78) Pyrene	19.918	202	511309	42.10	ng		99
80) Butylbenzylphthalate	20.793	149	203335	45.08	ng		95
81) Benzo(a)anthracene	21.780	228	518519	43.94	ng		99
82) 3,3'-Dichlorobenzidine	21.686	252	70125	17.30	ng		93
83) Chrysene	21.851	228	476360	42.30	ng		96
84) Bis(2-ethylhexyl)phtha...	21.675	149	286400	45.58	ng	#	98
85) Di-n-octyl phthalate	22.932	149	491111	44.84	ng	#	100
87) Indeno(1,2,3-cd)pyrene	28.978	276	567324	47.55	ng	#	84
88) Benzo(b)fluoranthene	24.084	252	519425	46.99	ng	#	98
89) Benzo(k)fluoranthene	24.154	252	472149	44.43	ng		100
90) Benzo(a)pyrene	24.988	252	450374	44.21	ng	#	99
91) Dibenzo(a,h)anthracene	29.060	278	479586	47.10	ng		99
92) Benzo(g,h,i)perylene	30.182	276	460833	46.21	ng		94

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

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