Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
Data File : BG048663.D
Acq On : 12 Apr 2021 16:31
Operator : CG/JU
Sample : M1966-06MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-123RMS

Manual Integrations APPROVED
mohammad
4/14/2021 11:48:39 AM

Quant Time: Apr 12 17:15:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 12 14:54:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.094	152	44091	20.00	ng		0.00
21) Naphthalene-d8	10.920	136	175945	20.00	ng		0.00
39) Acenaphthene-d10	14.745	164	118700	20.00	ng		0.00
64) Phenanthrene-d10	17.501	188	291576	20.00	ng	#	0.00
76) Chrysene-d12	21.802	240	268863	20.00	ng	#	0.00
86) Perylene-d12	25.145	264	275625	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.638	112	208303	82.50	ng		0.00
7) Phenol-d6	7.248	99	213741	57.91	ng		0.00
23) Nitrobenzene-d5	9.264	82	229610	63.82	ng		0.00
42) 2,4,6-Tribromophenol	16.238	330	190173	118.70	ng		0.00
45) 2-Fluorobiphenyl	13.365	172	531387	68.78	ng		0.00
79) Terphenyl-d14	20.110	244	1019690	69.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.500	88	18883	18.81	ng	#	91
3) Pyridine	3.911	79	43198	16.72	ng		97
4) n-Nitrosodimethylamine	3.817	42	37790	23.07	ng	#	73
6) Aniline	7.407	93	109760	26.03	ng		96
8) 2-Chlorophenol	7.654	128	103409	36.82	ng		93
9) Benzaldehyde	7.219	77	65624	26.33	ng		95
10) Phenol	7.272	94	109022	29.70	ng		95
11) bis(2-Chloroethyl)ether	7.501	93	90803	35.75	ng		97
12) 1,3-Dichlorobenzene	7.977	146	105424	32.69	ng		96
13) 1,4-Dichlorobenzene	8.124	146	104253	31.84	ng		96
14) 1,2-Dichlorobenzene	8.447	146	101800	32.58	ng		93
15) Benzyl Alcohol	8.329	79	98575	32.12	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.611	45	82812	33.80	ng		96
17) 2-Methylphenol	8.535	107	83725	34.85	ng		91
18) Hexachloroethane	9.181	117	39250	32.13	ng		85
19) n-Nitroso-di-n-propyla...	8.893	70	83118	33.37	ng		89
20) 3+4-Methylphenols	8.864	107	108319	32.26	ng		95
22) Acetophenone	8.917	105	166805	38.08	ng	#	91
24) Nitrobenzene	9.305	77	122669	34.97	ng		97
25) Isophorone	9.828	82	236435	35.73	ng		97
26) 2-Nitrophenol	10.021	139	59348	37.97	ng		100
27) 2,4-Dimethylphenol	10.074	122	112753	44.49	ng		95
28) bis(2-Chloroethoxy)met...	10.309	93	126095	41.92	ng		99
29) 2,4-Dichlorophenol	10.562	162	113119	39.08	ng		94
30) 1,2,4-Trichlorobenzene	10.774	180	114064	35.34	ng		98
31) Naphthalene	10.967	128	323674	36.68	ng		96
32) Benzoic acid	10.215	122	51837	27.51	ng		92
33) 4-Chloroaniline	11.073	127	96891	25.94	ng		97
34) Hexachlorobutadiene	11.249	225	81808	34.48	ng	#	87
35) Caprolactam	11.902	113	21923	20.39	ng	#	79
36) 4-Chloro-3-methylphenol	12.201	107	129017	39.76	ng		95
37) 2-Methylnaphthalene	12.571	142	250755	35.57	ng		98
38) 1-Methylnaphthalene	12.789	142	237500	35.55	ng		99
40) 1,2,4,5-Tetrachloroben...	12.936	216	143508	39.87	ng		98
41) Hexachlorocyclopentadiene	12.912	237	104247	46.99	ng		95
43) 2,4,6-Trichlorophenol	13.177	196	105758	41.75	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.253	196	118995	43.72	ng		97
46) 1,1'-Biphenyl	13.576	154	334099	39.55	ng		94
47) 2-Chloronaphthalene	13.623	162	249866	38.72	ng		99
48) 2-Nitroaniline	13.823	65	88199	42.12	ng		98
49) Acenaphthylene	14.469	152	449023	43.91	ng		98
50) Dimethylphthalate	14.193	163	432386	49.63	ng		99
51) 2,6-Dinitrotoluene	14.311	165	81809	40.58	ng		93
52) Acenaphthene	14.810	154	279770	38.10	ng		99
53) 3-Nitroaniline	14.645	138	58326	30.46	ng	#	87
54) 2,4-Dinitrophenol	14.857	184	111201	84.88	ng		96
55) Dibenzofuran	15.145	168	420719	39.62	ng		95
56) 4-Nitrophenol	14.974	139	87275	52.99	ng	#	84
57) 2,4-Dinitrotoluene	15.104	165	120030	41.63	ng		91
58) Fluorene	15.791	166	364632	40.95	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.368	232	118025m	44.29	ng		
60) Diethylphthalate	15.556	149	387670	43.15	ng		95
61) 4-Chlorophenyl-phenyle...	15.779	204	196432	40.68	ng		98
62) 4-Nitroaniline	15.809	138	75300	37.19	ng		90
63) Azobenzene	16.073	77	306236	35.28	ng		95
65) 4,6-Dinitro-2-methylph...	15.868	198	71013	39.42	ng		94
66) n-Nitrosodiphenylamine	15.997	169	326244	40.21	ng		100
67) 4-Bromophenyl-phenylether	16.678	248	131451	41.54	ng		92
68) Hexachlorobenzene	16.802	284	133267	40.72	ng		98
69) Atrazine	16.966	200	111368	33.70	ng		92
70) Pentachlorophenol	17.148	266	185459	77.13	ng		95
71) Phenanthrene	17.542	178	609706	41.34	ng		98
72) Anthracene	17.636	178	601552	40.88	ng		98
73) Carbazole	17.906	167	534905	38.29	ng		98
74) Di-n-butylphthalate	18.453	149	607757	38.66	ng		97
75) Fluoranthene	19.563	202	665302	36.33	ng		95
78) Pyrene	19.916	202	671497	36.58	ng		97
80) Butylbenzylphthalate	20.797	149	261782	37.79	ng		94
81) Benzo(a)anthracene	21.778	228	681880	38.33	ng		98
83) Chrysene	21.849	228	650753	38.03	ng		96
84) Bis(2-ethylhexyl)phtha...	21.673	149	389082	40.25	ng	#	99
85) Di-n-octyl phthalate	22.924	149	658941	39.13	ng	#	98
87) Indeno(1,2,3-cd)pyrene	28.976	276	692650	36.58	ng	#	73
88) Benzo(b)fluoranthene	24.081	252	695838	39.14	ng	#	99
89) Benzo(k)fluoranthene	24.152	252	643956	37.81	ng		100
90) Benzo(a)pyrene	24.992	252	619343	37.99	ng		99
91) Dibenzo(a,h)anthracene	29.052	278	574959	35.45	ng		99
92) Benzo(g,h,i)perylene	30.204	276	542076	34.21	ng		94

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

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