Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042021\
Data File : BG048808.D
Acq On : 21 Apr 2021 00:15
Operator : CG/JU
Sample : M2076-09MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-15-9.5-10.0MSD

Manual Integrations APPROVED
mohammad
4/21/2021 11:24:50 AM

Quant Time: Apr 21 04:34:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.058	152	15648	20.00	ng		0.00
21) Naphthalene-d8	10.890	136	71911	20.00	ng		# 0.00
39) Acenaphthene-d10	14.727	164	53140	20.00	ng		0.00
64) Phenanthrene-d10	17.476	188	144221	20.00	ng		# 0.00
76) Chrysene-d12	21.777	240	142777	20.00	ng		0.00
86) Perylene-d12	25.103	264	136720	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.608	112	114605	122.49	ng		0.00
7) Phenol-d6	7.224	99	157864	119.29	ng		0.00
23) Nitrobenzene-d5	9.233	82	110997	69.10	ng		0.00
42) 2,4,6-Tribromophenol	16.219	330	87360	122.61	ng		0.00
45) 2-Fluorobiphenyl	13.340	172	266142	72.33	ng		0.00
79) Terphenyl-d14	20.091	244	559964	67.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.452	88	13634	37.19	ng	#	87
3) Pyridine	3.857	79	42514	44.49	ng		87
4) n-Nitrosodimethylamine	3.775	42	34782	47.68	ng	#	81
6) Aniline	7.376	93	61267	41.25	ng		96
8) 2-Chlorophenol	7.629	128	55360	55.78	ng		97
9) Benzaldehyde	7.188	77	36973	42.16	ng	#	86
10) Phenol	7.253	94	75567	58.07	ng		94
11) bis(2-Chloroethyl)ether	7.470	93	46163	52.64	ng		98
12) 1,3-Dichlorobenzene	7.946	146	56990	49.94	ng		97
13) 1,4-Dichlorobenzene	8.093	146	59217	50.92	ng		95
14) 1,2-Dichlorobenzene	8.416	146	57164	53.27	ng		99
15) Benzyl Alcohol	8.299	79	63023	54.04	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.587	45	49276	51.83	ng		93
17) 2-Methylphenol	8.510	107	49544	59.64	ng		90
18) Hexachloroethane	9.151	117	22790	49.89	ng		95
19) n-Nitroso-di-n-propyla...	8.869	70	47357	53.04	ng	#	95
20) 3+4-Methylphenols	8.839	107	69209	60.38	ng		96
22) Acetophenone	8.892	105	89638	47.89	ng	#	94
24) Nitrobenzene	9.280	77	74505	46.50	ng		97
25) Isophorone	9.803	82	129379	45.55	ng		97
26) 2-Nitrophenol	9.997	139	32590	47.00	ng		98
27) 2,4-Dimethylphenol	10.056	122	60149	56.42	ng		91
28) bis(2-Chloroethoxy)met...	10.285	93	67467	54.52	ng		93
29) 2,4-Dichlorophenol	10.537	162	62712	52.16	ng		97
30) 1,2,4-Trichlorobenzene	10.749	180	62588	44.89	ng		95
31) Naphthalene	10.943	128	177613	48.13	ng		99
32) Benzoic acid	10.220	122	26344	42.18	ng	#	87
33) 4-Chloroaniline	11.049	127	29653	19.31	ng	#	94
34) Hexachlorobutadiene	11.219	225	43939	42.46	ng		93
35) Caprolactam	11.830	113	22580m	55.27	ng		
36) 4-Chloro-3-methylphenol	12.183	107	76516	56.20	ng		96
37) 2-Methylnaphthalene	12.547	142	141784	48.08	ng		98
38) 1-Methylnaphthalene	12.770	142	130677	47.63	ng		99
40) 1,2,4,5-Tetrachloroben...	12.911	216	80972	46.81	ng		97
41) Hexachlorocyclopentadiene	12.893	237	77678	82.17	ng		95
43) 2,4,6-Trichlorophenol	13.158	196	57322	49.66	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.234	196	61688	50.32	ng		88
46) 1,1'-Biphenyl	13.552	154	192157	48.95	ng		97
47) 2-Chloronaphthalene	13.599	162	146254	48.78	ng		100
48) 2-Nitroaniline	13.804	65	57734	53.59	ng		93
49) Acenaphthylene	14.450	152	251333	53.73	ng		98
50) Dimethylphthalate	14.174	163	215449	54.05	ng		97
51) 2,6-Dinitrotoluene	14.298	165	46465	50.53	ng		99
52) Acenaphthene	14.785	154	157422	52.99	ng		98
53) 3-Nitroaniline	14.627	138	26192	29.67	ng	#	94
54) 2,4-Dinitrophenol	14.838	184	55182	98.65	ng		93
55) Dibenzofuran	15.126	168	245319	49.89	ng		97
56) 4-Nitrophenol	14.956	139	78509	120.03	ng		96
57) 2,4-Dinitrotoluene	15.091	165	70757	52.98	ng	#	90
58) Fluorene	15.772	166	213737	52.92	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.349	232	58764	51.81	ng		100
60) Diethylphthalate	15.537	149	222910	54.06	ng		99
61) 4-Chlorophenyl-phenyle...	15.761	204	115478	52.00	ng		97
62) 4-Nitroaniline	15.802	138	49936	52.90	ng		89
63) Azobenzene	16.054	77	211284	50.88	ng		93
65) 4,6-Dinitro-2-methylph...	15.855	198	42759	44.29	ng		95
66) n-Nitrosodiphenylamine	15.978	169	195117	47.87	ng		96
67) 4-Bromophenyl-phenylether	16.660	248	77857	46.90	ng		96
68) Hexachlorobenzene	16.783	284	80989	48.17	ng		96
69) Atrazine	16.930	200	88756	52.36	ng		98
70) Pentachlorophenol	17.130	266	82106	91.64	ng		94
71) Phenanthrene	17.523	178	366147	48.92	ng		98
72) Anthracene	17.611	178	373361	50.41	ng		97
73) Carbazole	17.888	167	340661	48.02	ng		98
74) Di-n-butylphthalate	18.434	149	407024	51.17	ng		99
75) Fluoranthene	19.539	202	459231	48.51	ng		96
77) Benzidine	19.715	184	265857	68.57	ng		97
78) Pyrene	19.897	202	452014	45.76	ng		97
80) Butylbenzylphthalate	20.772	149	178557	46.23	ng		99
81) Benzo(a)anthracene	21.760	228	460634	47.21	ng		97
82) 3,3'-Dichlorobenzidine	21.666	252	72249	21.59	ng		97
83) Chrysene	21.830	228	418098	44.99	ng		98
84) Bis(2-ethylhexyl)phtha...	21.648	149	250719	46.37	ng		99
85) Di-n-octyl phthalate	22.894	149	430006	46.71	ng		100
87) Indeno(1,2,3-cd)pyrene	28.928	276	510558	50.85	ng	#	98
88) Benzo(b)fluoranthene	24.045	252	455586	49.12	ng	#	96
89) Benzo(k)fluoranthene	24.121	252	421613	48.34	ng		98
90) Benzo(a)pyrene	24.950	252	396899	46.45	ng		100
91) Dibenzo(a,h)anthracene	28.992	278	424303	49.27	ng		98
92) Benzo(g,h,i)perylene	30.126	276	413316	48.61	ng	#	96

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

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