Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
Data File : BG048444.D
Acq On : 22 Mar 2021 14:27
Operator : CG/JU
Sample : M1732-07MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-3B-(2.5-3.0)MS

Manual Integrations APPROVED
mohammad
3/23/2021 11:21:51 AM

Quant Time: Mar 22 15:23:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 22 11:22:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	45413	20.00	ng	0.00
21) Naphthalene-d8	10.926	136	179581	20.00	ng	# 0.00
39) Acenaphthene-d10	14.745	164	149957	20.00	ng	0.00
64) Phenanthrene-d10	17.495	188	386691	20.00	ng	# 0.00
76) Chrysene-d12	21.790	240	384239	20.00	ng	# 0.00
86) Perylene-d12	25.121	264	394558	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	319087	116.19	ng	0.00
7) Phenol-d6	7.248	99	443126	110.89	ng	0.00
23) Nitrobenzene-d5	9.269	82	325163	72.40	ng	0.00
42) 2,4,6-Tribromophenol	16.238	330	276161	113.24	ng	0.00
45) 2-Fluorobiphenyl	13.371	172	728585	69.89	ng	0.00
79) Terphenyl-d14	20.104	244	1481669	69.54	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.517	88	39445	34.04	ng	# 89
3) Pyridine	3.923	79	122377	37.89	ng	88
4) n-Nitrosodimethylamine	3.835	42	78371	41.75	ng	# 68
6) Aniline	7.419	93	63113	13.35	ng	95
8) 2-Chlorophenol	7.660	128	136616	47.71	ng	91
9) Benzaldehyde	7.231	77	129322	65.13	ng	# 81
10) Phenol	7.278	94	202990	49.57	ng	# 68
11) bis(2-Chloroethyl)ether	7.513	93	125482	43.73	ng	93
12) 1,3-Dichlorobenzene	7.994	146	147468	43.29	ng	# 89
13) 1,4-Dichlorobenzene	8.135	146	148189	43.82	ng	93
14) 1,2-Dichlorobenzene	8.459	146	145512	44.85	ng	94
15) Benzyl Alcohol	8.335	79	166030	46.80	ng	# 85
16) 2,2'-oxybis(1-Chloropr...	8.635	45	141127	43.02	ng	89
17) 2-Methylphenol	8.541	107	129003	49.68	ng	# 84
18) Hexachloroethane	9.199	117	55333	42.54	ng	93
19) n-Nitroso-di-n-propyla...	8.905	70	127472	42.98	ng	# 95
20) 3+4-Methylphenols	8.864	107	179998	50.61	ng	88
22) Acetophenone	8.929	105	221911	43.94	ng	# 91
24) Nitrobenzene	9.311	77	197802	41.11	ng	# 77
25) Isophorone	9.839	82	357127	41.54	ng	# 92
26) 2-Nitrophenol	10.027	139	79720	43.59	ng	# 64
27) 2,4-Dimethylphenol	10.080	122	148618	52.08	ng	86
28) bis(2-Chloroethoxy)met...	10.321	93	187199	48.04	ng	# 92
29) 2,4-Dichlorophenol	10.562	162	159319	48.11	ng	96
30) 1,2,4-Trichlorobenzene	10.785	180	165967	41.46	ng	97
31) Naphthalene	10.979	128	415962	41.78	ng	99
32) Benzoic acid	10.215	122	127079	57.22	ng	# 77
33) 4-Chloroaniline	11.073	127	24623	5.78	ng	# 86
34) Hexachlorobutadiene	11.261	225	126693	39.93	ng	95
35) Caprolactam	11.855	113	63254m	53.50	ng	
36) 4-Chloro-3-methylphenol	12.190	107	188536	49.05	ng	# 81
37) 2-Methylnaphthalene	12.577	142	330355	43.47	ng	# 93
38) 1-Methylnaphthalene	12.795	142	310060	43.38	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.942	216	231395	42.26	ng	# 97
41) Hexachlorocyclopentadiene	12.924	237	313274	88.49	ng	99
43) 2,4,6-Trichlorophenol	13.177	196	168147	45.30	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.247	196	179398	43.92	ng	#	92
46) 1,1'-Biphenyl	13.582	154	463939	43.11	ng		97
47) 2-Chloronaphthalene	13.623	162	360998	41.60	ng		98
48) 2-Nitroaniline	13.817	65	145565	45.32	ng	#	70
49) Acenaphthylene	14.469	152	625505	44.52	ng		99
50) Dimethylphthalate	14.193	163	567113	46.47	ng		99
51) 2,6-Dinitrotoluene	14.316	165	116303	44.28	ng	#	64
52) Acenaphthene	14.810	154	480942m	50.93	ng		
53) 3-Nitroaniline	14.640	138	18548	7.37	ng	#	87
54) 2,4-Dinitrophenol	14.851	184	174113	108.61	ng	#	72
55) Dibenzofuran	15.145	168	582561	41.42	ng		93
56) 4-Nitrophenol	14.945	139	211058	93.78	ng	#	45
57) 2,4-Dinitrotoluene	15.098	165	165694	44.43	ng	#	72
58) Fluorene	15.797	166	510708	43.26	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.368	232	183273	45.47	ng	#	96
60) Diethylphthalate	15.556	149	534616	44.81	ng		97
61) 4-Chlorophenyl-phenyle...	15.785	204	296919	43.72	ng		98
62) 4-Nitroaniline	15.809	138	117278	42.57	ng	#	53
63) Azobenzene	16.079	77	538858	41.51	ng		88
65) 4,6-Dinitro-2-methylph...	15.862	198	110469	45.36	ng		85
66) n-Nitrosodiphenylamine	15.997	169	478450	42.71	ng		96
67) 4-Bromophenyl-phenylether	16.678	248	208391	42.79	ng		95
68) Hexachlorobenzene	16.796	284	224185	42.96	ng		95
69) Atrazine	16.943	200	218266	48.44	ng		95
70) Pentachlorophenol	17.143	266	312158	89.98	ng		99
71) Phenanthrene	17.542	178	879739	43.07	ng		98
72) Anthracene	17.630	178	897014	44.26	ng		98
73) Carbazole	17.895	167	804314	41.62	ng		97
74) Di-n-butylphthalate	18.453	149	928563	43.41	ng	#	97
75) Fluoranthene	19.552	202	1127743	41.46	ng		96
77) Benzidine	19.722	184	471830	40.99	ng		99
78) Pyrene	19.910	202	1132422	42.91	ng		98
80) Butylbenzylphthalate	20.791	149	408473	43.55	ng	#	86
81) Benzo(a)anthracene	21.772	228	1157037	43.42	ng		99
82) 3,3'-Dichlorobenzidine	21.678	252	93297	9.70	ng	#	95
83) Chrysene	21.837	228	1085749	42.50	ng		98
84) Bis(2-ethylhexyl)phtha...	21.673	149	572836	44.20	ng		96
85) Di-n-octyl phthalate	22.924	149	968852	44.65	ng	#	96
87) Indeno(1,2,3-cd)pyrene	28.946	276	1327667	44.12	ng	#	84
88) Benzo(b)fluoranthene	24.064	252	1156354	41.59	ng	#	97
89) Benzo(k)fluoranthene	24.134	252	1084278	41.33	ng	#	95
90) Benzo(a)pyrene	24.969	252	1016556	40.10	ng	#	96
91) Dibenzo(a,h)anthracene	29.029	278	1098930	42.81	ng	#	92
92) Benzo(g,h,i)perylene	30.151	276	1086824	43.64	ng	#	92

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

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