Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123120\
Data File : BG047860.D
Acq On : 31 Dec 2020 22:55
Operator : CG/JU
Sample : L5242-21MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SAMPLE-7(434+26)MSD

Manual Integrations APPROVED
mohammad
1/4/2021 11:52:00 AM

Quant Time: Dec 31 23:51:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 15:55:16 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.197	152	35379	20.00	ng		0.00
21) Naphthalene-d8	11.023	136	129109	20.00	ng		# 0.00
39) Acenaphthene-d10	14.818	164	101709	20.00	ng		0.00
64) Phenanthrene-d10	17.556	188	266355	20.00	ng		# 0.00
76) Chrysene-d12	21.834	240	251779	20.00	ng		# 0.00
86) Perylene-d12	25.177	264	263835	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.729	112	233962	114.40	ng		0.00
7) Phenol-d6	7.345	99	306622	102.56	ng		0.00
23) Nitrobenzene-d5	9.366	82	279112	79.52	ng		0.00
42) 2,4,6-Tribromophenol	16.305	330	223142	128.51	ng		0.00
45) 2-Fluorobiphenyl	13.449	172	586777	74.65	ng		0.00
79) Terphenyl-d14	20.141	244	1169391	76.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.561	88	27003	30.73	ng	#	32
3) Pyridine	3.978	79	69813	30.79	ng	#	81
4) n-Nitrosodimethylamine	3.878	42	71205	39.68	ng	#	46
6) Aniline	7.515	93	63135	19.04	ng		95
8) 2-Chlorophenol	7.756	128	97493	46.77	ng		91
9) Benzaldehyde	7.327	77	27897	14.24	ng		82
10) Phenol	7.368	94	122939	45.36	ng	#	47
11) bis(2-Chloroethyl)ether	7.603	93	85964	44.51	ng		95
12) 1,3-Dichlorobenzene	8.085	146	115041	40.94	ng	#	83
13) 1,4-Dichlorobenzene	8.232	146	113771m	40.51	ng		
14) 1,2-Dichlorobenzene	8.555	146	112153m	42.48	ng		
15) Benzyl Alcohol	8.432	79	125135	47.25	ng	#	77
16) 2,2'-oxybis(1-Chloropr...	8.725	45	82799	43.15	ng		81
17) 2-Methylphenol	8.637	107	84371	44.12	ng	#	76
18) Hexachloroethane	9.289	117	44324	40.26	ng		98
19) n-Nitroso-di-n-propyla...	9.001	70	89999	43.26	ng		91
20) 3+4-Methylphenols	8.960	107	116227	44.36	ng		87
22) Acetophenone	9.025	105	159861	43.26	ng	#	90
24) Nitrobenzene	9.413	77	139579	42.13	ng	#	85
25) Isophorone	9.936	82	240615	45.46	ng	#	90
26) 2-Nitrophenol	10.130	139	56655	43.23	ng	#	49
27) 2,4-Dimethylphenol	10.177	122	95977	50.87	ng	#	82
28) bis(2-Chloroethoxy)met...	10.412	93	113918	41.64	ng		99
29) 2,4-Dichlorophenol	10.664	162	108029	43.97	ng		95
30) 1,2,4-Trichlorobenzene	10.882	180	132193	41.94	ng		97
31) Naphthalene	11.076	128	311250	43.86	ng		96
32) Benzoic acid	10.294	122	17236	17.40	ng	#	83
33) 4-Chloroaniline	11.175	127	11633	3.86	ng	#	76
34) Hexachlorobutadiene	11.352	225	106431	38.29	ng		99
35) Caprolactam	11.951	113	27089m	34.72	ng		
36) 4-Chloro-3-methylphenol	12.280	107	124657	46.42	ng		85
37) 2-Methylnaphthalene	12.662	142	244096	44.34	ng	#	84
38) 1-Methylnaphthalene	12.885	142	224805	43.21	ng	#	97
40) 1,2,4,5-Tetrachloroben...	13.026	216	172699	41.37	ng	#	97
41) Hexachlorocyclopentadiene	13.009	237	196658	87.00	ng		98
43) 2,4,6-Trichlorophenol	13.261	196	113503	42.55	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.338	196	119632	45.33	ng	#	90
46) 1,1'-Biphenyl	13.661	154	323863	41.73	ng		93
47) 2-Chloronaphthalene	13.702	162	258215	40.92	ng		96
48) 2-Nitroaniline	13.896	65	97931	41.99	ng	#	71
49) Acenaphthylene	14.548	152	404088	43.14	ng		96
50) Dimethylphthalate	14.266	163	387080	44.15	ng		98
51) 2,6-Dinitrotoluene	14.383	165	79453	44.58	ng	#	39
52) Acenaphthene	14.883	154	318105m	48.15	ng		
53) 3-Nitroaniline	14.718	138	29811	16.88	ng	#	83
54) 2,4-Dinitrophenol	14.924	184	80899	70.85	ng	#	45
55) Dibenzofuran	15.218	168	419323	43.78	ng		93
56) 4-Nitrophenol	15.018	139	106903	83.96	ng	#	3
57) 2,4-Dinitrotoluene	15.171	165	115513	43.60	ng	#	59
58) Fluorene	15.864	166	358012	44.01	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.435	232	120038	44.53	ng	#	93
60) Diethylphthalate	15.617	149	363788	43.04	ng		96
61) 4-Chlorophenyl-phenyle...	15.846	204	217872	42.50	ng		97
62) 4-Nitroaniline	15.870	138	73479	37.82	ng	#	28
63) Azobenzene	16.140	77	354941	45.04	ng		84
65) 4,6-Dinitro-2-methylph...	15.935	198	69887	41.06	ng		86
66) n-Nitrosodiphenylamine	16.058	169	330124	43.31	ng		94
67) 4-Bromophenyl-phenylether	16.739	248	144918	40.49	ng	#	89
68) Hexachlorobenzene	16.863	284	162153	41.76	ng		95
69) Atrazine	16.992	200	122663	38.32	ng		98
70) Pentachlorophenol	17.204	266	186310	68.29	ng		98
71) Phenanthrene	17.597	178	633000	44.08	ng		98
72) Anthracene	17.691	178	632483	45.43	ng		94
73) Carbazole	17.956	167	544048	44.63	ng		99
74) Di-n-butylphthalate	18.490	149	620154	43.16	ng	#	94
75) Fluoranthene	19.595	202	855266	44.43	ng		93
77) Benzidine	19.759	184	118653	17.52	ng		98
78) Pyrene	19.953	202	833123	46.19	ng		96
80) Butylbenzylphthalate	20.817	149	274098	44.31	ng	#	83
81) Benzo(a)anthracene	21.810	228	794082	43.91	ng		97
82) 3,3'-Dichlorobenzidine	21.716	252	145060	22.79	ng		95
83) Chrysene	21.881	228	752487	44.06	ng		97
84) Bis(2-ethylhexyl)phtha...	21.687	149	381602	44.76	ng		94
85) Di-n-octyl phthalate	22.938	149	643527	44.52	ng	#	96
87) Indeno(1,2,3-cd)pyrene	29.025	276	933753	46.61	ng	#	83
88) Benzo(b)fluoranthene	24.107	252	870471	47.85	ng	#	93
89) Benzo(k)fluoranthene	24.184	252	795925	45.13	ng	#	94
90) Benzo(a)pyrene	25.018	252	761115	44.97	ng	#	93
91) Dibenzo(a,h)anthracene	29.090	278	759602	46.80	ng	#	90
92) Benzo(g,h,i)perylene	30.235	276	762987	48.07	ng	#	87

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

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