Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012721\
Data File : BG048037.D
Acq On : 27 Jan 2021 20:57
Operator : CG/JU
Sample : M1220-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP1-BMS

Manual Integrations APPROVED
mohammad
1/28/2021 11:46:38 AM

Quant Time: Jan 27 23:30:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 19:39:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.126	152	51710	20.00	ng		0.00
21) Naphthalene-d8	10.940	136	194164	20.00	ng		0.00
39) Acenaphthene-d10	14.747	164	140417	20.00	ng		0.00
64) Phenanthrene-d10	17.491	188	329339	20.00	ng	#	0.00
76) Chrysene-d12	21.769	240	362201	20.00	ng	#	0.00
86) Perylene-d12	25.053	264	370010	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.682	112	321081	95.43	ng		0.00
7) Phenol-d6	7.274	99	430743	84.20	ng		0.00
23) Nitrobenzene-d5	9.289	82	284741	58.03	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	204560	87.47	ng		0.00
45) 2-Fluorobiphenyl	13.373	172	587350	54.08	ng		-0.01
79) Terphenyl-d14	20.088	244	1005454	48.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.566	88	48138	32.09	ng	#	95
3) Pyridine	3.966	79	145995	32.43	ng		88
4) n-Nitrosodimethylamine	3.878	42	82278	39.55	ng		83
6) Aniline	7.444	93	84093	13.61	ng		95
8) 2-Chlorophenol	7.685	128	155713	44.21	ng		91
9) Benzaldehyde	7.256	77	106834	40.71	ng	#	81
10) Phenol	7.303	94	217598	44.37	ng		76
11) bis(2-Chloroethyl)ether	7.538	93	152122	39.61	ng		93
12) 1,3-Dichlorobenzene	8.014	146	167705	39.45	ng	#	90
13) 1,4-Dichlorobenzene	8.161	146	166135	38.98	ng		95
14) 1,2-Dichlorobenzene	8.484	146	161649	39.74	ng		95
15) Benzyl Alcohol	8.361	79	170256	39.34	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.655	45	191025	35.44	ng		94
17) 2-Methylphenol	8.561	107	135314	40.83	ng	#	88
18) Hexachloroethane	9.219	117	62771	37.75	ng		96
19) n-Nitroso-di-n-propyla...	8.931	70	136684	36.61	ng		94
20) 3+4-Methylphenols	8.884	107	185353	40.42	ng		89
22) Acetophenone	8.948	105	239341	40.00	ng	#	94
24) Nitrobenzene	9.330	77	199646	40.62	ng		89
25) Isophorone	9.853	82	348191	39.54	ng	#	94
26) 2-Nitrophenol	10.047	139	88954	43.99	ng	#	71
27) 2,4-Dimethylphenol	10.100	122	140545	47.83	ng		90
28) bis(2-Chloroethoxy)met...	10.335	93	202299	38.18	ng		94
29) 2,4-Dichlorophenol	10.582	162	167030	44.18	ng		94
30) 1,2,4-Trichlorobenzene	10.799	180	188378	41.22	ng		99
31) Naphthalene	10.993	128	454031	40.44	ng		98
32) Benzoic acid	10.235	122	110515	42.00	ng	#	75
33) 4-Chloroaniline	11.093	127	27780	5.41	ng		92
34) Hexachlorobutadiene	11.275	225	135502	41.74	ng		100
35) Caprolactam	11.868	113	54184m	37.65	ng		
36) 4-Chloro-3-methylphenol	12.203	107	175724	41.43	ng		87
37) 2-Methylnaphthalene	12.585	142	341455	40.27	ng	#	95
38) 1-Methylnaphthalene	12.803	142	323514	39.99	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.949	216	233341	43.59	ng	#	97
41) Hexachlorocyclopentadiene	12.932	237	304199	100.32	ng		99
43) 2,4,6-Trichlorophenol	13.185	196	163457	43.78	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.255	196	174605	45.13	ng	#	96
46) 1,1'-Biphenyl	13.584	154	451852	41.62	ng		99
47) 2-Chloronaphthalene	13.631	162	373982	39.59	ng		98
48) 2-Nitroaniline	13.825	65	129452	37.75	ng	#	77
49) Acenaphthylene	14.471	152	566282	40.61	ng		99
50) Dimethylphthalate	14.201	163	518694	40.81	ng		98
51) 2,6-Dinitrotoluene	14.318	165	110246	41.73	ng	#	76
52) Acenaphthene	14.812	154	436683	46.26	ng		98
53) 3-Nitroaniline	14.642	138	33704	11.63	ng	#	74
54) 2,4-Dinitrophenol	14.847	184	155914	94.38	ng	#	70
55) Dibenzofuran	15.147	168	571592	39.93	ng		96
56) 4-Nitrophenol	14.947	139	188198	83.22	ng	#	56
57) 2,4-Dinitrotoluene	15.100	165	154199	40.41	ng	#	80
58) Fluorene	15.793	166	461797	40.12	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.364	232	167416	43.27	ng	#	96
60) Diethylphthalate	15.558	149	490503	37.54	ng		96
61) 4-Chlorophenyl-phenyle...	15.781	204	282470	40.07	ng		99
62) 4-Nitroaniline	15.805	138	103194	32.69	ng	#	58
63) Azobenzene	16.075	77	475479	38.66	ng		91
65) 4,6-Dinitro-2-methylph...	15.864	198	110506	51.99	ng		87
66) n-Nitrosodiphenylamine	15.999	169	427918	43.24	ng		99
67) 4-Bromophenyl-phenylether	16.675	248	186839	42.45	ng		96
68) Hexachlorobenzene	16.798	284	197829	41.34	ng		96
69) Atrazine	16.939	200	159799	42.51	ng		98
70) Pentachlorophenol	17.139	266	274264	94.38	ng		98
71) Phenanthrene	17.532	178	788712	41.51	ng		97
72) Anthracene	17.626	178	802315	42.93	ng		98
73) Carbazole	17.891	167	719262	41.24	ng		100
74) Di-n-butylphthalate	18.443	149	821699	38.59	ng	#	97
75) Fluoranthene	19.536	202	1032930	41.46	ng		97
77) Benzidine	19.712	184	338552	32.40	ng		97
78) Pyrene	19.894	202	1032704	38.93	ng		98
80) Butylbenzylphthalate	20.776	149	377237	37.24	ng		88
81) Benzo(a)anthracene	21.745	228	1071085	40.69	ng		98
82) 3,3'-Dichlorobenzidine	21.657	252	134231	15.13	ng		97
83) Chrysene	21.816	228	1034608	41.36	ng		99
84) Bis(2-ethylhexyl)phtha...	21.651	149	546396	39.38	ng		96
85) Di-n-octyl phthalate	22.891	149	944045	40.67	ng		97
87) Indeno(1,2,3-cd)pyrene	28.807	276	1294579	43.50	ng	#	88
88) Benzo(b)fluoranthene	24.007	252	1125354	42.79	ng	#	97
89) Benzo(k)fluoranthene	24.078	252	1082702	42.37	ng	#	97
90) Benzo(a)pyrene	24.894	252	1027500	41.61	ng	#	98
91) Dibenzo(a,h)anthracene	28.878	278	1075627	43.79	ng	#	95
92) Benzo(g,h,i)perylene	29.977	276	1057031	44.68	ng	#	93

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

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