Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031721\
Data File : BG048401.D
Acq On : 17 Mar 2021 17:08
Operator : CG/JU
Sample : M1688-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
R-LA-4-1-WCMS

Manual Integrations APPROVED
mohammad
3/18/2021 2:31:37 PM

Quant Time: Mar 17 18:18:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 16 16:05:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.114	152	55005	20.00	ng		0.00
21) Naphthalene-d8	10.934	136	225658	20.00	ng	#	0.00
39) Acenaphthene-d10	14.753	164	182418	20.00	ng		0.00
64) Phenanthrene-d10	17.503	188	422082	20.00	ng	#	0.00
76) Chrysene-d12	21.798	240	397321	20.00	ng	#	0.00
86) Perylene-d12	25.135	264	421244	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.658	112	384321	120.01	ng		0.00
7) Phenol-d6	7.262	99	557680	118.21	ng		0.00
23) Nitrobenzene-d5	9.283	82	413450	81.41	ng		0.00
42) 2,4,6-Tribromophenol	16.246	330	280586	120.22	ng		0.00
45) 2-Fluorobiphenyl	13.379	172	869816	67.20	ng		0.00
79) Terphenyl-d14	20.112	244	1360281	66.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.531	88	48954	31.97	ng	#	87
3) Pyridine	3.937	79	146293	35.00	ng	#	90
4) n-Nitrosodimethylamine	3.849	42	95194	39.44	ng	#	61
6) Aniline	7.433	93	71141	12.26	ng	#	89
8) 2-Chlorophenol	7.673	128	164638	50.93	ng		86
9) Benzaldehyde	7.245	77	164347	83.23	ng	#	80
10) Phenol	7.286	94	254940	52.94	ng	#	68
11) bis(2-Chloroethyl)ether	7.527	93	153842	44.24	ng		94
12) 1,3-Dichlorobenzene	8.002	146	176145	42.72	ng	#	90
13) 1,4-Dichlorobenzene	8.149	146	173929m	42.20	ng		
14) 1,2-Dichlorobenzene	8.473	146	172234	42.70	ng		93
15) Benzyl Alcohol	8.349	79	203073	49.12	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.643	45	180943	42.58	ng		85
17) 2-Methylphenol	8.549	107	157451	51.13	ng	#	83
18) Hexachloroethane	9.207	117	68792	45.62	ng		88
19) n-Nitroso-di-n-propyla...	8.919	70	158137	43.50	ng	#	94
20) 3+4-Methylphenols	8.872	107	213469	51.94	ng		87
22) Acetophenone	8.937	105	266567	41.79	ng	#	89
24) Nitrobenzene	9.324	77	234797	42.42	ng	#	81
25) Isophorone	9.847	82	427718	39.25	ng	#	92
26) 2-Nitrophenol	10.035	139	91985	53.32	ng	#	56
27) 2,4-Dimethylphenol	10.088	122	183593	53.14	ng		87
28) bis(2-Chloroethoxy)met...	10.329	93	222413	45.45	ng		99
29) 2,4-Dichlorophenol	10.576	162	188545	50.57	ng		94
30) 1,2,4-Trichlorobenzene	10.799	180	201962	41.52	ng		98
31) Naphthalene	10.987	128	501558	40.74	ng		97
32) Benzoic acid	10.223	122	146412	67.31	ng	#	77
33) 4-Chloroaniline	11.087	127	20639	3.99	ng	#	87
34) Hexachlorobutadiene	11.269	225	156347	41.14	ng		98
35) Caprolactam	11.869	113	68027m	53.50	ng		
36) 4-Chloro-3-methylphenol	12.198	107	219845	49.29	ng		85
37) 2-Methylnaphthalene	12.591	142	397947	42.15	ng	#	94
38) 1-Methylnaphthalene	12.809	142	377265	42.38	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.950	216	277452	41.12	ng	#	97
41) Hexachlorocyclopentadiene	12.932	237	378738	102.57	ng		95
43) 2,4,6-Trichlorophenol	13.185	196	195409	49.42	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.255	196	210391	49.03	ng	#	93
46) 1,1'-Biphenyl	13.590	154	557314	42.09	ng		99
47) 2-Chloronaphthalene	13.637	162	431146	40.19	ng		97
48) 2-Nitroaniline	13.825	65	167559	48.10	ng	#	69
49) Acenaphthylene	14.477	152	731810	42.74	ng		99
50) Dimethylphthalate	14.201	163	627345	44.76	ng		99
51) 2,6-Dinitrotoluene	14.325	165	130777	49.01	ng	#	62
52) Acenaphthene	14.818	154	544545m	48.35	ng		
53) 3-Nitroaniline	14.648	138	22390	8.23	ng	#	85
54) 2,4-Dinitrophenol	14.853	184	168290	106.49	ng	#	67
55) Dibenzofuran	15.153	168	676362	39.17	ng		91
56) 4-Nitrophenol	14.947	139	211578	91.46	ng	#	36
57) 2,4-Dinitrotoluene	15.106	165	182384	45.96	ng	#	68
58) Fluorene	15.799	166	580465	40.19	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.370	232	203673	49.16	ng	#	95
60) Diethylphthalate	15.564	149	584124	43.02	ng		97
61) 4-Chlorophenyl-phenyle...	15.793	204	340713	41.05	ng		97
62) 4-Nitroaniline	15.817	138	121846	41.22	ng	#	45
63) Azobenzene	16.087	77	632004	38.20	ng		87
65) 4,6-Dinitro-2-methylph...	15.870	198	103279	50.35	ng		83
66) n-Nitrosodiphenylamine	16.005	169	531924	43.39	ng		95
67) 4-Bromophenyl-phenylether	16.686	248	221901	43.73	ng		95
68) Hexachlorobenzene	16.804	284	244590	44.20	ng		95
69) Atrazine	16.951	200	223749	50.55	ng		98
70) Pentachlorophenol	17.145	266	329534	99.58	ng		99
71) Phenanthrene	17.550	178	925195	41.60	ng		98
72) Anthracene	17.638	178	941728	42.65	ng		99
73) Carbazole	17.903	167	810949	39.68	ng		98
74) Di-n-butylphthalate	18.461	149	920383	44.05	ng	#	97
75) Fluoranthene	19.554	202	1156922	39.22	ng		96
77) Benzidine	19.730	184	539872	52.44	ng		99
78) Pyrene	19.918	202	1157544	43.75	ng		98
80) Butylbenzylphthalate	20.799	149	420192	48.39	ng	#	83
81) Benzo(a)anthracene	21.780	228	1209987	43.95	ng		100
82) 3,3'-Dichlorobenzidine	21.686	252	112154	12.06	ng	#	97
83) Chrysene	21.851	228	1127357	42.91	ng		99
84) Bis(2-ethylhexyl)phtha...	21.681	149	597500	49.42	ng		96
85) Di-n-octyl phthalate	22.944	149	1007846	47.35	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.966	276	1408534	43.53	ng	#	82
88) Benzo(b)fluoranthene	24.078	252	1238456	42.17	ng	#	96
89) Benzo(k)fluoranthene	24.148	252	1131118	40.14	ng	#	96
90) Benzo(a)pyrene	24.983	252	1086751	40.15	ng	#	97
91) Dibenzo(a,h)anthracene	29.048	278	1161969	42.11	ng	#	94
92) Benzo(g,h,i)perylene	30.177	276	1146279	42.84	ng	#	92

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

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