Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029092.D
Acq On : 11 Mar 2021 13:16
Operator : CG/JU
Sample : M1618-05MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 11 13:58:41 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 09 10:08:02 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CSB-1-16-16.5-BGSMS

Manual Integrations APPROVED

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3/12/2021 12:03:15 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	9004	20.00	ng		0.00
21) Naphthalene-d8	10.457	136	34329	20.00	ng	#	0.00
39) Acenaphthene-d10	14.333	164	19297	20.00	ng		0.00
64) Phenanthrene-d10	17.080	188	37294	20.00	ng		0.00
76) Chrysene-d12	21.256	240	36107	20.00	ng		0.00
86) Perylene-d12	23.409	264	36664	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.234	112	63559	117.00	ng		-0.01
7) Phenol-d6	6.863	99	75366	105.04	ng		0.00
23) Nitrobenzene-d5	8.839	82	50521	79.40	ng		0.00
42) 2,4,6-Tribromophenol	15.833	330	26313	115.05	ng		0.00
45) 2-Fluorobiphenyl	12.945	172	111075	76.63	ng		0.00
79) Terphenyl-d14	19.703	244	141203	72.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.075	88	8531	41.77	ng	#	58
3) Pyridine	3.493	79	23042	42.75	ng	#	32
4) n-Nitrosodimethylamine	3.416	42	17446	57.93	ng	#	45
6) Aniline	7.004	93	7307	9.52	ng		99
8) 2-Chlorophenol	7.228	128	28738	44.54	ng		95
9) Benzaldehyde	6.810	77	7104	18.17	ng		83
10) Phenol	6.886	94	33974	47.65	ng		96
11) bis(2-Chloroethyl)ether	7.098	93	24662	45.59	ng		89
12) 1,3-Dichlorobenzene	7.545	146	31670	45.00	ng	#	94
13) 1,4-Dichlorobenzene	7.698	146	31900	44.70	ng		97
14) 1,2-Dichlorobenzene	8.010	146	30897	44.99	ng		97
15) Benzyl Alcohol	7.922	79	23575	45.95	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.192	45	41711	50.08	ng		71
17) 2-Methylphenol	8.133	107	22327	46.11	ng	#	89
18) Hexachloroethane	8.722	117	12391	47.78	ng		93
19) n-Nitroso-di-n-propyla...	8.481	70	19266	45.65	ng	#	54
20) 3+4-Methylphenols	8.463	107	29468	45.24	ng		92
22) Acetophenone	8.498	105	40037	47.82	ng	#	85
24) Nitrobenzene	8.880	77	29655	45.84	ng	#	86
25) Isophorone	9.398	82	51720	46.20	ng		97
26) 2-Nitrophenol	9.586	139	15288	46.78	ng		89
27) 2,4-Dimethylphenol	9.657	122	23653	48.24	ng		92
28) bis(2-Chloroethoxy)met...	9.886	93	31403	49.36	ng		99
29) 2,4-Dichlorophenol	10.127	162	25418	45.31	ng		97
30) 1,2,4-Trichlorobenzene	10.322	180	28231	45.89	ng		98
31) Naphthalene	10.504	128	83429	44.08	ng		99
32) Benzoic acid	9.845	122	17086	48.61	ng	#	81
33) 4-Chloroaniline	10.639	127	8284	10.89	ng		94
34) Hexachlorobutadiene	10.769	225	17184	46.59	ng		94
35) Caprolactam	11.457	113	10606	69.10	ng	#	22
36) 4-Chloro-3-methylphenol	11.786	107	26035	46.05	ng		95
37) 2-Methylnaphthalene	12.127	142	58408	43.86	ng		97
38) 1-Methylnaphthalene	12.351	142	55051	43.65	ng		99
40) 1,2,4,5-Tetrachloroben...	12.504	216	28152	46.66	ng		98
41) Hexachlorocyclopentadiene	12.463	237	25695	111.72	ng		99
43) 2,4,6-Trichlorophenol	12.763	196	19020	44.97	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	20691	45.58	ng	#	93
46) 1,1'-Biphenyl	13.157	154	72992	47.16	ng		99
47) 2-Chloronaphthalene	13.198	162	56476	44.70	ng		98
48) 2-Nitroaniline	13.433	65	17235	50.72	ng	#	89
49) Acenaphthylene	14.051	152	88937	45.84	ng		100
50) Dimethylphthalate	13.804	163	74968	51.27	ng		100
51) 2,6-Dinitrotoluene	13.933	165	15518	45.51	ng		93
52) Acenaphthene	14.398	154	52395	44.04	ng		96
53) 3-Nitroaniline	14.274	138	6358	19.14	ng	#	76
54) 2,4-Dinitrophenol	14.498	184	16579	95.06	ng		98
55) Dibenzofuran	14.733	168	83107	44.49	ng		98
56) 4-Nitrophenol	14.610	139	22769	83.55	ng	#	86
57) 2,4-Dinitrotoluene	14.733	165	21115	47.41	ng	#	83
58) Fluorene	15.386	166	67848	45.31	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.974	232	16914m	46.37	ng		
60) Diethylphthalate	15.168	149	72105	49.01	ng		97
61) 4-Chlorophenyl-phenyle...	15.380	204	33284	46.59	ng		92
62) 4-Nitroaniline	15.439	138	12994	40.46	ng		95
63) Azobenzene	15.674	77	64233	47.31	ng		86
65) 4,6-Dinitro-2-methylph...	15.504	198	11285	42.97	ng	#	74
66) n-Nitrosodiphenylamine	15.604	169	56968	44.65	ng		99
67) 4-Bromophenyl-phenylether	16.274	248	18946	45.27	ng	#	92
68) Hexachlorobenzene	16.386	284	21145	45.34	ng	#	94
69) Atrazine	16.556	200	17515	44.13	ng		94
70) Pentachlorophenol	16.739	266	23890	95.77	ng		98
71) Phenanthrene	17.121	178	100272	45.15	ng		99
72) Anthracene	17.215	178	103022	46.83	ng		99
73) Carbazole	17.492	167	91702	43.45	ng		98
74) Di-n-butylphthalate	18.045	149	124132	51.72	ng		99
75) Fluoranthene	19.139	202	116489	47.73	ng		98
77) Benzidine	19.339	184	22028	18.51	ng		98
78) Pyrene	19.497	202	117313	44.23	ng		100
80) Butylbenzylphthalate	20.397	149	56197	49.21	ng		95
81) Benzo(a)anthracene	21.238	228	112668	44.96	ng		98
82) 3,3'-Dichlorobenzidine	21.180	252	15094	17.44	ng	#	99
83) Chrysene	21.291	228	111384	45.62	ng		99
84) Bis(2-ethylhexyl)phtha...	21.162	149	84619	51.50	ng	#	96
85) Di-n-octyl phthalate	22.021	149	148558	53.28	ng	#	89
87) Indeno(1,2,3-cd)pyrene	25.568	276	132743	47.98	ng	#	91
88) Benzo(b)fluoranthene	22.774	252	117856	45.51	ng	#	98
89) Benzo(k)fluoranthene	22.809	252	110006	44.71	ng	#	96
90) Benzo(a)pyrene	23.321	252	104941	44.40	ng	#	97
91) Dibenzo(a,h)anthracene	25.574	278	111930	46.55	ng	#	95
92) Benzo(g,h,i)perylene	26.226	276	108790	46.86	ng	#	94

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

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