Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033021\
Data File : BM029281.D
Acq On : 30 Mar 2021 21:52
Operator : CG/JU
Sample : M1828-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FS-SB13(25-26)MS

Quant Time: Mar 31 00:30:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 29 11:14:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.745	152	167486	20.00	ng		0.00
21) Naphthalene-d8	10.528	136	636231	20.00	ng		0.00
39) Acenaphthene-d10	14.374	164	333179	20.00	ng		0.00
64) Phenanthrene-d10	17.110	188	558169	20.00	ng		0.00
76) Chrysene-d12	21.286	240	567825	20.00	ng		0.00
86) Perylene-d12	23.515	264	605581	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	717241	73.82	ng		-0.01
7) Phenol-d6	6.916	99	915269	65.64	ng		0.00
23) Nitrobenzene-d5	8.892	82	631139	48.16	ng		-0.01
42) 2,4,6-Tribromophenol	15.863	330	197237	63.92	ng		0.00
45) 2-Fluorobiphenyl	12.992	172	943932	40.19	ng		-0.01
79) Terphenyl-d14	19.733	244	878536	31.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	120700	27.33	ng		98
3) Pyridine	3.675	79	346087	32.51	ng		97
4) n-Nitrosodimethylamine	3.593	42	185111	38.74	ng		91
6) Aniline	7.075	93	349751	23.15	ng		100
8) 2-Chlorophenol	7.310	128	381138	34.76	ng		99
9) Benzaldehyde	6.887	77	298061	34.04	ng		98
10) Phenol	6.946	94	478476	34.73	ng		96
11) bis(2-Chloroethyl)ether	7.175	93	381040	38.66	ng		97
12) 1,3-Dichlorobenzene	7.634	146	426673	34.79	ng		98
13) 1,4-Dichlorobenzene	7.781	146	433000	34.82	ng		99
14) 1,2-Dichlorobenzene	8.092	146	411431	34.42	ng		99
15) Benzyl Alcohol	7.981	79	351514	34.85	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.275	45	571604	37.82	ng		100
17) 2-Methylphenol	8.187	107	300412	33.94	ng		99
18) Hexachloroethane	8.816	117	173163	38.32	ng		96
19) n-Nitroso-di-n-propyla...	8.551	70	321919	35.78	ng		97
20) 3+4-Methylphenols	8.510	107	410144	34.62	ng		98
22) Acetophenone	8.563	105	560017	35.16	ng		99
24) Nitrobenzene	8.940	77	459724	33.61	ng		97
25) Isophorone	9.463	82	809335	35.95	ng		98
26) 2-Nitrophenol	9.645	139	192770	42.27	ng		97
27) 2,4-Dimethylphenol	9.710	122	284748	32.57	ng		98
28) bis(2-Chloroethoxy)met...	9.945	93	476048	40.00	ng		99
29) 2,4-Dichlorophenol	10.175	162	321049	33.77	ng		98
30) 1,2,4-Trichlorobenzene	10.392	180	359656	33.32	ng		98
31) Naphthalene	10.575	128	1103768	32.91	ng		100
32) Benzoic acid	9.839	122	205231	37.37	ng		99
33) 4-Chloroaniline	10.686	127	100935	7.62	ng		100
34) Hexachlorobutadiene	10.863	225	222270	35.45	ng		97
35) Caprolactam	11.463	113	91314	31.15	ng	#	64
36) 4-Chloro-3-methylphenol	11.810	107	322024	31.72	ng		96
37) 2-Methylnaphthalene	12.192	142	758740	32.36	ng		99
38) 1-Methylnaphthalene	12.410	142	696454	31.22	ng		99
40) 1,2,4,5-Tetrachloroben...	12.563	216	355624	38.09	ng	#	98
41) Hexachlorocyclopentadiene	12.545	237	517545	101.01	ng		99
43) 2,4,6-Trichlorophenol	12.804	196	228300	37.56	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	238186	35.25	ng	94
46) 1,1'-Biphenyl	13.210	154	937428	37.01	ng	99
47) 2-Chloronaphthalene	13.245	162	697660	34.98	ng	99
48) 2-Nitroaniline	13.451	65	223108	35.15	ng	98
49) Acenaphthylene	14.092	152	1113736	36.71	ng	99
50) Dimethylphthalate	13.833	163	846379	36.35	ng	99
51) 2,6-Dinitrotoluene	13.951	165	173964	34.54	ng	99
52) Acenaphthene	14.439	154	655267	33.99	ng	98
53) 3-Nitroaniline	14.274	138	108045	21.19	ng	99
54) 2,4-Dinitrophenol	14.480	184	176143	60.94	ng	98
55) Dibenzofuran	14.774	168	956388	31.53	ng	100
56) 4-Nitrophenol	14.586	139	286531	61.52	ng	94
57) 2,4-Dinitrotoluene	14.733	165	226845	31.87	ng	99
58) Fluorene	15.421	166	774595	31.50	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.998	232	172951	31.23	ng	96
60) Diethylphthalate	15.198	149	800825	34.91	ng	99
61) 4-Chlorophenyl-phenyle...	15.416	204	368993	32.52	ng	97
62) 4-Nitroaniline	15.439	138	167680	29.11	ng	98
63) Azobenzene	15.710	77	862223	32.89	ng	99
65) 4,6-Dinitro-2-methylph...	15.498	198	98097	31.18	ng	97
66) n-Nitrosodiphenylamine	15.627	169	639150	35.77	ng	99
67) 4-Bromophenyl-phenylether	16.310	248	195483	38.21	ng	99
68) Hexachlorobenzene	16.421	284	211627	35.15	ng	96
69) Atrazine	16.580	200	207017	36.70	ng	99
70) Pentachlorophenol	16.763	266	216483	58.37	ng	99
71) Phenanthrene	17.151	178	1061525	32.79	ng	99
72) Anthracene	17.245	178	1086436	34.55	ng	100
73) Carbazole	17.510	167	961489	31.07	ng	99
74) Di-n-butylphthalate	18.080	149	1254632	42.04	ng	100
75) Fluoranthene	19.162	202	1187932	33.22	ng	99
77) Benzidine	19.351	184	633041	38.59	ng	99
78) Pyrene	19.527	202	1200309	31.22	ng	99
80) Butylbenzylphthalate	20.427	149	607434	42.11	ng	94
81) Benzo(a)anthracene	21.268	228	1243718	33.56	ng	99
82) 3,3'-Dichlorobenzidine	21.203	252	290045	26.19	ng	99
83) Chrysene	21.321	228	1186575	32.00	ng	99
84) Bis(2-ethylhexyl)phtha...	21.209	149	953533	45.46	ng	99
85) Di-n-octyl phthalate	22.080	149	1728947	49.83	ng	99
87) Indeno(1,2,3-cd)pyrene	25.780	276	1595106	36.01	ng	99
88) Benzo(b)fluoranthene	22.844	252	1338265	33.97	ng	100
89) Benzo(k)fluoranthene	22.892	252	1248480	32.62	ng	99
90) Benzo(a)pyrene	23.421	252	1168677	32.75	ng	99
91) Dibenzo(a,h)anthracene	25.785	278	1335922	35.23	ng	99
92) Benzo(g,h,i)perylene	26.468	276	1300865	35.02	ng	98

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

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