Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033121\
Data File : BM029291.D
Acq On : 31 Mar 2021 13:23
Operator : CG/JU
Sample : M1802-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-1S-(0.5-1)MSD

Quant Time: Mar 31 14:05:35 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	157580	20.00	ng		0.00
21) Naphthalene-d8	10.528	136	631875	20.00	ng		0.00
39) Acenaphthene-d10	14.374	164	356414	20.00	ng		0.00
64) Phenanthrene-d10	17.115	188	583501	20.00	ng		0.00
76) Chrysene-d12	21.286	240	416315	20.00	ng		0.00
86) Perylene-d12	23.527	264	494843	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	892796	97.66	ng		0.00
7) Phenol-d6	6.928	99	1184104	90.26	ng		0.00
23) Nitrobenzene-d5	8.898	82	822904	63.23	ng		0.00
42) 2,4,6-Tribromophenol	15.868	330	278071	84.25	ng		0.00
45) 2-Fluorobiphenyl	12.998	172	1554839	61.88	ng		0.00
79) Terphenyl-d14	19.739	244	1340649	64.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	142212	34.23	ng		97
3) Pyridine	3.681	79	406107	40.54	ng		98
4) n-Nitrosodimethylamine	3.593	42	224665	49.98	ng		92
6) Aniline	7.081	93	369259	25.98	ng		99
8) 2-Chlorophenol	7.316	128	466137	45.19	ng		99
9) Benzaldehyde	6.892	77	349454	42.42	ng		98
10) Phenol	6.951	94	613649	47.35	ng		97
11) bis(2-Chloroethyl)ether	7.175	93	439257	47.36	ng		99
12) 1,3-Dichlorobenzene	7.639	146	487090	42.21	ng		98
13) 1,4-Dichlorobenzene	7.781	146	497148	42.49	ng		99
14) 1,2-Dichlorobenzene	8.098	146	472822	42.05	ng		98
15) Benzyl Alcohol	7.987	79	442331	46.61	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.281	45	664127	46.70	ng		99
17) 2-Methylphenol	8.192	107	392032	47.07	ng		98
18) Hexachloroethane	8.822	117	195160	45.90	ng		95
19) n-Nitroso-di-n-propyla...	8.551	70	390457	46.13	ng		96
20) 3+4-Methylphenols	8.516	107	523589	46.97	ng		97
22) Acetophenone	8.563	105	689769	43.61	ng	#	99
24) Nitrobenzene	8.939	77	562230	41.39	ng		99
25) Isophorone	9.469	82	1008032	45.09	ng		99
26) 2-Nitrophenol	9.645	139	245552	54.21	ng		96
27) 2,4-Dimethylphenol	9.716	122	428132	49.31	ng		96
28) bis(2-Chloroethoxy)met...	9.945	93	598950	50.67	ng		98
29) 2,4-Dichlorophenol	10.180	162	401364	42.51	ng		98
30) 1,2,4-Trichlorobenzene	10.392	180	443591	41.38	ng		98
31) Naphthalene	10.580	128	1366638	41.03	ng		99
32) Benzoic acid	9.863	122	274419	48.76	ng		97
33) 4-Chloroaniline	10.686	127	85284	6.48	ng		98
34) Hexachlorobutadiene	10.869	225	257428	41.34	ng		98
35) Caprolactam	11.475	113	122401	40.34	ng		96
36) 4-Chloro-3-methylphenol	11.822	107	429693	42.62	ng		97
37) 2-Methylnaphthalene	12.192	142	973166	41.79	ng		100
38) 1-Methylnaphthalene	12.416	142	896520	40.47	ng		100
40) 1,2,4,5-Tetrachloroben...	12.563	216	452459	45.30	ng		98
41) Hexachlorocyclopentadiene	12.545	237	581306	106.06	ng		98
43) 2,4,6-Trichlorophenol	12.804	196	305643	47.01	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.880	196	319102	44.14	ng		97
46) 1,1'-Biphenyl	13.210	154	1210923	44.69	ng		99
47) 2-Chloronaphthalene	13.251	162	914008	42.84	ng		99
48) 2-Nitroaniline	13.457	65	301666	43.57	ng		100
49) Acenaphthylene	14.098	152	1510150	46.53	ng		99
50) Dimethylphthalate	13.839	163	1132365	45.47	ng		99
51) 2,6-Dinitrotoluene	13.951	165	232263	43.11	ng		92
52) Acenaphthene	14.445	154	886664	42.99	ng		99
53) 3-Nitroaniline	14.280	138	89794	16.46	ng		98
54) 2,4-Dinitrophenol	14.486	184	225542	71.62	ng		97
55) Dibenzofuran	14.774	168	1286187	39.64	ng		99
56) 4-Nitrophenol	14.598	139	365508	73.36	ng		95
57) 2,4-Dinitrotoluene	14.739	165	298839	38.52	ng		100
58) Fluorene	15.427	166	1063885	40.44	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.004	232	213850	36.10	ng		97
60) Diethylphthalate	15.204	149	1091717	44.49	ng		100
61) 4-Chlorophenyl-phenyle...	15.421	204	507316	41.80	ng		98
62) 4-Nitroaniline	15.445	138	212458	33.82	ng		98
63) Azobenzene	15.715	77	1195204	42.61	ng		99
65) 4,6-Dinitro-2-methylph...	15.504	198	135570	39.50	ng		97
66) n-Nitrosodiphenylamine	15.633	169	877557	46.98	ng		99
67) 4-Bromophenyl-phenylether	16.315	248	273096	51.06	ng		98
68) Hexachlorobenzene	16.427	284	287342	45.66	ng		99
69) Atrazine	16.586	200	292778	49.64	ng		96
70) Pentachlorophenol	16.768	266	169177	43.64	ng		96
71) Phenanthrene	17.156	178	1446405	42.75	ng		99
72) Anthracene	17.251	178	1452951	44.19	ng		100
73) Carbazole	17.515	167	1203019	37.19	ng		100
74) Di-n-butylphthalate	18.086	149	1708532	54.76	ng		100
75) Fluoranthene	19.168	202	1393888	37.29	ng		100
77) Benzidine	19.356	184	614458	51.09	ng		100
78) Pyrene	19.533	202	1365509	48.45	ng		100
80) Butylbenzylphthalate	20.433	149	626098	57.75	ng		96
81) Benzo(a)anthracene	21.274	228	1196919	44.05	ng		99
82) 3,3'-Dichlorobenzidine	21.209	252	268309	33.04	ng		99
83) Chrysene	21.327	228	1134955	41.75	ng		100
84) Bis(2-ethylhexyl)phtha...	21.209	149	944146	60.15	ng	#	99
85) Di-n-octyl phthalate	22.086	149	1554259	60.18	ng		100
87) Indeno(1,2,3-cd)pyrene	25.791	276	1708118	47.19	ng		99
88) Benzo(b)fluoranthene	22.856	252	1319400	40.98	ng		99
89) Benzo(k)fluoranthene	22.897	252	1252850	40.05	ng		99
90) Benzo(a)pyrene	23.427	252	1218392	41.78	ng		98
91) Dibenzo(a,h)anthracene	25.803	278	1412911	45.60	ng		99
92) Benzo(g,h,i)perylene	26.485	276	1395142	45.96	ng		98

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

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