Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033121\
Data File : BM029286.D
Acq On : 31 Mar 2021 10:01
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Mar 31 11:10:28 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	111274	20.00	ng		0.00
21) Naphthalene-d8	10.527	136	422305	20.00	ng		0.00
39) Acenaphthene-d10	14.380	164	251311	20.00	ng		0.00
64) Phenanthrene-d10	17.115	188	477010	20.00	ng		0.00
76) Chrysene-d12	21.291	240	453124	20.00	ng		0.00
86) Perylene-d12	23.527	264	477194	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	549504	85.12	ng		0.00
7) Phenol-d6	6.922	99	771419	83.27	ng		0.00
23) Nitrobenzene-d5	8.898	82	740675	85.15	ng		0.00
42) 2,4,6-Tribromophenol	15.868	330	183824	78.99	ng		0.00
45) 2-Fluorobiphenyl	12.998	172	1433169	80.89	ng		0.00
79) Terphenyl-d14	19.739	244	1922022	85.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	119308	40.66	ng		100
3) Pyridine	3.687	79	312010	44.11	ng		98
4) n-Nitrosodimethylamine	3.598	42	142622	44.93	ng		89
6) Aniline	7.081	93	423426	42.19	ng		99
8) 2-Chlorophenol	7.316	128	300448	41.25	ng		99
9) Benzaldehyde	6.892	77	235810	40.54	ng		98
10) Phenol	6.951	94	379344	41.45	ng		96
11) bis(2-Chloroethyl)ether	7.175	93	276696	42.25	ng		99
12) 1,3-Dichlorobenzene	7.639	146	323085	39.65	ng		97
13) 1,4-Dichlorobenzene	7.781	146	329081	39.83	ng		100
14) 1,2-Dichlorobenzene	8.098	146	317659	40.00	ng		97
15) Benzyl Alcohol	7.986	79	286000	42.68	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.275	45	422999	42.13	ng		99
17) 2-Methylphenol	8.192	107	247411	42.07	ng		98
18) Hexachloroethane	8.822	117	128147	42.68	ng		98
19) n-Nitroso-di-n-propyla...	8.551	70	255114	42.68	ng		97
20) 3+4-Methylphenols	8.516	107	333631	42.39	ng		99
22) Acetophenone	8.563	105	439094	41.54	ng	#	99
24) Nitrobenzene	8.939	77	377832	41.62	ng		97
25) Isophorone	9.463	82	656382	43.93	ng		99
26) 2-Nitrophenol	9.645	139	153350	50.66	ng		94
27) 2,4-Dimethylphenol	9.710	122	239620	41.29	ng		97
28) bis(2-Chloroethoxy)met...	9.945	93	340257	43.07	ng		97
29) 2,4-Dichlorophenol	10.180	162	243978	38.66	ng		97
30) 1,2,4-Trichlorobenzene	10.392	180	282095	39.37	ng		98
31) Naphthalene	10.580	128	891551	40.05	ng		99
32) Benzoic acid	9.857	122	170360	45.61	ng		98
33) 4-Chloroaniline	10.686	127	353614	40.20	ng		98
34) Hexachlorobutadiene	10.869	225	166166	39.93	ng		98
35) Caprolactam	11.463	113	83935	41.27	ng		95
36) 4-Chloro-3-methylphenol	11.816	107	284314	42.20	ng		93
37) 2-Methylnaphthalene	12.192	142	626627	40.26	ng		100
38) 1-Methylnaphthalene	12.416	142	590821	39.90	ng		97
40) 1,2,4,5-Tetrachloroben...	12.563	216	280933	39.89	ng		99
41) Hexachlorocyclopentadiene	12.545	237	156276	40.44	ng		99
43) 2,4,6-Trichlorophenol	12.810	196	197205	43.01	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.880	196	196482	38.55	ng	97
46) 1,1'-Biphenyl	13.210	154	769130	40.26	ng	99
47) 2-Chloronaphthalene	13.251	162	596914	39.68	ng	99
48) 2-Nitroaniline	13.457	65	205403	42.18	ng	99
49) Acenaphthylene	14.098	152	932462	40.75	ng	99
50) Dimethylphthalate	13.839	163	705666	40.18	ng	98
51) 2,6-Dinitrotoluene	13.951	165	161555	42.53	ng	95
52) Acenaphthene	14.439	154	568136	39.07	ng	99
53) 3-Nitroaniline	14.280	138	163558	42.53	ng	97
54) 2,4-Dinitrophenol	14.486	184	68754	34.78	ng	97
55) Dibenzofuran	14.774	168	899674	39.32	ng	99
56) 4-Nitrophenol	14.592	139	134889	38.39	ng	95
57) 2,4-Dinitrotoluene	14.739	165	220340	40.13	ng	99
58) Fluorene	15.427	166	734018	39.57	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	137776	32.98	ng	96
60) Diethylphthalate	15.204	149	730823	42.24	ng	99
61) 4-Chlorophenyl-phenyle...	15.421	204	334863	39.13	ng	97
62) 4-Nitroaniline	15.445	138	174360	38.78	ng	99
63) Azobenzene	15.715	77	846417	42.80	ng	98
65) 4,6-Dinitro-2-methylph...	15.504	198	105032	37.71	ng	97
66) n-Nitrosodiphenylamine	15.633	169	637243	41.73	ng	98
67) 4-Bromophenyl-phenylether	16.315	248	187526	42.89	ng	98
68) Hexachlorobenzene	16.427	284	207563	40.34	ng	99
69) Atrazine	16.586	200	212871	44.15	ng	98
70) Pentachlorophenol	16.768	266	50461	15.92	ng	96
71) Phenanthrene	17.156	178	1093062	39.51	ng	99
72) Anthracene	17.250	178	1089521	40.54	ng	99
73) Carbazole	17.521	167	1065087	40.28	ng	99
74) Di-n-butylphthalate	18.086	149	1279240	50.15	ng	100
75) Fluoranthene	19.174	202	1236782	40.47	ng	98
77) Benzidine	19.356	184	632987	48.35	ng	100
78) Pyrene	19.533	202	1264097	41.21	ng	100
80) Butylbenzylphthalate	20.433	149	599920	51.26	ng	94
81) Benzo(a)anthracene	21.274	228	1206615	40.80	ng	100
82) 3,3'-Dichlorobenzidine	21.209	252	411305	46.53	ng	98
83) Chrysene	21.327	228	1181658	39.94	ng	99
84) Bis(2-ethylhexyl)phtha...	21.209	149	932233	54.89	ng	100
85) Di-n-octyl phthalate	22.085	149	1609267	57.44	ng	100
87) Indeno(1,2,3-cd)pyrene	25.791	276	1414460	40.53	ng	99
88) Benzo(b)fluoranthene	22.856	252	1284335	41.37	ng	99
89) Benzo(k)fluoranthene	22.897	252	1149113	38.10	ng	99
90) Benzo(a)pyrene	23.432	252	1155890	41.10	ng	98
91) Dibenzo(a,h)anthracene	25.803	278	1211624	40.55	ng	100
92) Benzo(g,h,i)perylene	26.485	276	1164170	39.77	ng	99

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

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