Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033121\
Data File : BM029290.D
Acq On : 31 Mar 2021 12:47
Operator : CG/JU
Sample : M1802-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Mar 31 14:04:57 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	133820	20.00	ng		0.00
21) Naphthalene-d8	10.527	136	518300	20.00	ng		0.00
39) Acenaphthene-d10	14.374	164	286173	20.00	ng		0.00
64) Phenanthrene-d10	17.115	188	485804	20.00	ng		0.00
76) Chrysene-d12	21.286	240	393475	20.00	ng		0.00
86) Perylene-d12	23.527	264	488233	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	742984	95.70	ng		0.00
7) Phenol-d6	6.928	99	969268	87.00	ng		0.00
23) Nitrobenzene-d5	8.898	82	669886	62.75	ng		0.00
42) 2,4,6-Tribromophenol	15.862	330	228838	86.35	ng		0.00
45) 2-Fluorobiphenyl	12.998	172	1242637	61.59	ng		0.00
79) Terphenyl-d14	19.739	244	1192277	60.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	127261	36.07	ng		96
3) Pyridine	3.681	79	366240	43.06	ng		98
4) n-Nitrosodimethylamine	3.593	42	192871	50.53	ng		90
6) Aniline	7.081	93	281510	23.32	ng		97
8) 2-Chlorophenol	7.316	128	386593	44.13	ng		99
9) Benzaldehyde	6.892	77	294403	42.08	ng		98
10) Phenol	6.951	94	499819	45.41	ng		96
11) bis(2-Chloroethyl)ether	7.175	93	373344	47.40	ng		99
12) 1,3-Dichlorobenzene	7.639	146	418231	42.68	ng		97
13) 1,4-Dichlorobenzene	7.781	146	424411	42.71	ng		99
14) 1,2-Dichlorobenzene	8.098	146	401321	42.02	ng		97
15) Benzyl Alcohol	7.986	79	358670	44.50	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.275	45	556491	46.08	ng		99
17) 2-Methylphenol	8.192	107	320912	45.37	ng		98
18) Hexachloroethane	8.822	117	170337	47.18	ng		99
19) n-Nitroso-di-n-propyla...	8.551	70	314738	43.79	ng		96
20) 3+4-Methylphenols	8.516	107	419366	44.30	ng		99
22) Acetophenone	8.563	105	567170	43.71	ng	#	99
24) Nitrobenzene	8.939	77	461402	41.41	ng		100
25) Isophorone	9.469	82	816034	44.50	ng		99
26) 2-Nitrophenol	9.645	139	201940	54.36	ng		96
27) 2,4-Dimethylphenol	9.716	122	339827	47.71	ng		98
28) bis(2-Chloroethoxy)met...	9.945	93	484719	49.99	ng		98
29) 2,4-Dichlorophenol	10.180	162	321989	41.57	ng		98
30) 1,2,4-Trichlorobenzene	10.392	180	367005	41.74	ng		99
31) Naphthalene	10.580	128	1112691	40.73	ng		99
32) Benzoic acid	9.851	122	230803	49.88	ng		98
33) 4-Chloroaniline	10.692	127	52958	4.90	ng		97
34) Hexachlorobutadiene	10.869	225	212441	41.59	ng		98
35) Caprolactam	11.469	113	98183	39.56	ng		95
36) 4-Chloro-3-methylphenol	11.822	107	343155	41.50	ng		95
37) 2-Methylnaphthalene	12.192	142	786718	41.18	ng		99
38) 1-Methylnaphthalene	12.416	142	724136	39.85	ng		99
40) 1,2,4,5-Tetrachloroben...	12.563	216	364076	45.40	ng		98
41) Hexachlorocyclopentadiene	12.545	237	498073	113.18	ng		98
43) 2,4,6-Trichlorophenol	12.810	196	242078	46.37	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.880	196	253679	43.70	ng	97
46) 1,1'-Biphenyl	13.210	154	961016	44.17	ng	99
47) 2-Chloronaphthalene	13.251	162	736003	42.97	ng	100
48) 2-Nitroaniline	13.451	65	240037	43.20	ng	98
49) Acenaphthylene	14.098	152	1211311	46.49	ng	99
50) Dimethylphthalate	13.839	163	898855	44.95	ng	99
51) 2,6-Dinitrotoluene	13.951	165	183976	42.53	ng	94
52) Acenaphthene	14.439	154	708466	42.78	ng	99
53) 3-Nitroaniline	14.280	138	72857	16.64	ng	99
54) 2,4-Dinitrophenol	14.486	184	190883	75.12	ng	94
55) Dibenzofuran	14.774	168	1027242	39.43	ng	98
56) 4-Nitrophenol	14.598	139	313581	78.38	ng	93
57) 2,4-Dinitrotoluene	14.739	165	244070	39.13	ng	98
58) Fluorene	15.427	166	851324	40.30	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.004	232	176136	37.03	ng	96
60) Diethylphthalate	15.204	149	873065	44.32	ng	98
61) 4-Chlorophenyl-phenyle...	15.421	204	407746	41.84	ng	97
62) 4-Nitroaniline	15.445	138	174018	34.43	ng	99
63) Azobenzene	15.715	77	966469	42.92	ng	98
65) 4,6-Dinitro-2-methylph...	15.498	198	112209	39.30	ng	96
66) n-Nitrosodiphenylamine	15.633	169	707574	45.50	ng	99
67) 4-Bromophenyl-phenylether	16.309	248	217900	48.93	ng	96
68) Hexachlorobenzene	16.427	284	231801	44.24	ng	99
69) Atrazine	16.586	200	241775	49.24	ng	98
70) Pentachlorophenol	16.768	266	165177	51.17	ng	100
71) Phenanthrene	17.156	178	1201194	42.64	ng	99
72) Anthracene	17.251	178	1212068	44.28	ng	100
73) Carbazole	17.515	167	1025855	38.09	ng	100
74) Di-n-butylphthalate	18.086	149	1427531	54.95	ng	99
75) Fluoranthene	19.168	202	1233419	39.63	ng	99
77) Benzidine	19.356	184	495037	43.55	ng	100
78) Pyrene	19.533	202	1235715	46.39	ng	99
80) Butylbenzylphthalate	20.433	149	567460	55.52	ng	95
81) Benzo(a)anthracene	21.274	228	1145299	44.60	ng	99
82) 3,3'-Dichlorobenzidine	21.209	252	262788	34.24	ng	99
83) Chrysene	21.327	228	1076329	41.89	ng	100
84) Bis(2-ethylhexyl)phtha...	21.209	149	867697	58.58	ng	100
85) Di-n-octyl phthalate	22.086	149	1482629	60.70	ng	100
87) Indeno(1,2,3-cd)pyrene	25.791	276	1676836	46.96	ng	99
88) Benzo(b)fluoranthene	22.856	252	1294495	40.76	ng	99
89) Benzo(k)fluoranthene	22.897	252	1227194	39.77	ng	99
90) Benzo(a)pyrene	23.427	252	1192832	41.46	ng	98
91) Dibenzo(a,h)anthracene	25.797	278	1375752	45.01	ng	99
92) Benzo(g,h,i)perylene	26.485	276	1366051	45.61	ng	99

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

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