Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029262.D
Acq On : 30 Mar 2021 01:59
Operator : CG/JU
Sample : M1786-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-1MS

Manual Integrations APPROVED
mohammad
3/30/2021 12:41:48 PM

Quant Time: Mar 30 05:18:55 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	7.763	152	129532	20.00	ng		0.01
21) Naphthalene-d8	10.539	136	490902	20.00	ng		0.00
39) Acenaphthene-d10	14.386	164	275524	20.00	ng		0.00
64) Phenanthrene-d10	17.121	188	509268	20.00	ng		0.00
76) Chrysene-d12	21.292	240	569233	20.00	ng		0.00
86) Perylene-d12	23.533	264	613413	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	851873	113.36	ng		0.01
7) Phenol-d6	6.946	99	1085341	100.65	ng		0.02
23) Nitrobenzene-d5	8.910	82	762568	75.42	ng		0.00
42) 2,4,6-Tribromophenol	15.874	330	256816	100.65	ng		0.01
45) 2-Fluorobiphenyl	13.010	172	1435568	73.90	ng		0.00
79) Terphenyl-d14	19.745	244	1756536	61.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	128638	37.66	ng		97
3) Pyridine	3.693	79	356046	43.24	ng		98
4) n-Nitrosodimethylamine	3.605	42	189509	51.29	ng		93
6) Aniline	7.093	93	224250	19.20	ng		99
8) 2-Chlorophenol	7.334	128	385908	45.51	ng		98
9) Benzaldehyde	6.904	77	302852	44.72	ng		98
10) Phenol	6.969	94	495703	46.53	ng		97
11) bis(2-Chloroethyl)ether	7.187	93	366780	48.11	ng		98
12) 1,3-Dichlorobenzene	7.651	146	428584	45.18	ng		98
13) 1,4-Dichlorobenzene	7.793	146	433385	45.06	ng		99
14) 1,2-Dichlorobenzene	8.110	146	411793	44.55	ng		98
15) Benzyl Alcohol	7.998	79	339830	43.56	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.287	45	527304	45.11	ng		98
17) 2-Methylphenol	8.210	107	316360	46.21	ng		96
18) Hexachloroethane	8.834	117	166761	47.72	ng		98
19) n-Nitroso-di-n-propyla...	8.563	70	310103	44.57	ng		96
20) 3+4-Methylphenols	8.534	107	420170	45.86	ng		99
22) Acetophenone	8.575	105	561692	45.71	ng	#	99
24) Nitrobenzene	8.951	77	460887	43.67	ng		99
25) Isophorone	9.475	82	797474	45.92	ng		99
26) 2-Nitrophenol	9.663	139	195552	55.57	ng		99
27) 2,4-Dimethylphenol	9.728	122	343740	50.96	ng		98
28) bis(2-Chloroethoxy)met...	9.957	93	471278	51.32	ng		97
29) 2,4-Dichlorophenol	10.198	162	301098	41.05	ng		99
30) 1,2,4-Trichlorobenzene	10.404	180	371934	44.66	ng		97
31) Naphthalene	10.592	128	1131666	43.74	ng		99
32) Benzoic acid	9.886	122	223499	50.90	ng		97
33) 4-Chloroaniline	10.704	127	69698	6.82	ng		96
34) Hexachlorobutadiene	10.875	225	219229	45.32	ng		97
35) Caprolactam	11.480	113	102856m	43.24	ng		
36) 4-Chloro-3-methylphenol	11.833	107	344832	44.03	ng		96
37) 2-Methylnaphthalene	12.204	142	791050	43.72	ng		99
38) 1-Methylnaphthalene	12.428	142	725881	42.18	ng		99
40) 1,2,4,5-Tetrachloroben...	12.575	216	369717	47.88	ng		98
41) Hexachlorocyclopentadiene	12.557	237	350499	82.73	ng		97
43) 2,4,6-Trichlorophenol	12.822	196	246504	49.04	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.892	196	254287	45.50	ng	97
46) 1,1'-Biphenyl	13.222	154	982412	46.90	ng	98
47) 2-Chloronaphthalene	13.263	162	737764	44.73	ng	100
48) 2-Nitroaniline	13.463	65	243807	45.40	ng	99
49) Acenaphthylene	14.110	152	1223443	48.77	ng	99
50) Dimethylphthalate	13.845	163	917125	47.63	ng	100
51) 2,6-Dinitrotoluene	13.963	165	190647	45.78	ng	98
52) Acenaphthene	14.451	154	726726	45.58	ng	98
53) 3-Nitroaniline	14.292	138	98508	23.36	ng	99
54) 2,4-Dinitrophenol	14.492	184	134187	56.67	ng	91
55) Dibenzofuran	14.786	168	1067087	42.54	ng	99
56) 4-Nitrophenol	14.610	139	345483	89.70	ng	95
57) 2,4-Dinitrotoluene	14.745	165	254060	42.04	ng	99
58) Fluorene	15.433	166	880046	43.27	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.016	232	167943	36.67	ng	99
60) Diethylphthalate	15.210	149	883864	46.60	ng	99
61) 4-Chlorophenyl-phenyle...	15.427	204	414019	44.13	ng	97
62) 4-Nitroaniline	15.451	138	183038	37.29	ng	97
63) Azobenzene	15.721	77	965355	44.52	ng	98
65) 4,6-Dinitro-2-methylph...	15.510	198	89858	31.28	ng	97
66) n-Nitrosodiphenylamine	15.645	169	743442	45.60	ng	99
67) 4-Bromophenyl-phenylether	16.321	248	228176	48.88	ng	99
68) Hexachlorobenzene	16.433	284	247310	45.02	ng	98
69) Atrazine	16.598	200	259659	50.45	ng	97
70) Pentachlorophenol	16.780	266	81010	23.94	ng	99
71) Phenanthrene	17.168	178	1284648	43.50	ng	99
72) Anthracene	17.257	178	1314725	45.82	ng	99
73) Carbazole	17.527	167	1193157	42.26	ng	99
74) Di-n-butylphthalate	18.092	149	1494729	54.89	ng	100
75) Fluoranthene	19.174	202	1485753	45.54	ng	100
77) Benzidine	19.362	184	746126	45.37	ng	99
78) Pyrene	19.539	202	1547959	40.17	ng	100
80) Butylbenzylphthalate	20.439	149	726577	49.55	ng	98
81) Benzo(a)anthracene	21.280	228	1685529	45.37	ng	99
82) 3,3'-Dichlorobenzidine	21.215	252	448255	40.37	ng	98
83) Chrysene	21.327	228	1599375	43.03	ng	99
84) Bis(2-ethylhexyl)phtha...	21.215	149	1128591	53.03	ng	100
85) Di-n-octyl phthalate	22.092	149	2102438	59.58	ng	98
87) Indeno(1,2,3-cd)pyrene	25.803	276	2054799	45.80	ng	100
88) Benzo(b)fluoranthene	22.862	252	1750321	43.86	ng	100
89) Benzo(k)fluoranthene	22.903	252	1689292	43.57	ng	99
90) Benzo(a)pyrene	23.433	252	1581425	43.75	ng	99
91) Dibenzo(a,h)anthracene	25.815	278	1737027	45.23	ng	99
92) Benzo(g,h,i)perylene	26.497	276	1662085	44.17	ng	98

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

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