Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029263.D
Acq On : 30 Mar 2021 02:35
Operator : CG/JU
Sample : M1786-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 30 05:19:45 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

Instrument :
BNA_M
ClientSampleId :
SP-1MSD

Manual Integrations APPROVED
mohammad
3/30/2021 12:41:51 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	121311	20.00	ng	0.00
21) Naphthalene-d8	10.539	136	451575	20.00	ng	0.00
39) Acenaphthene-d10	14.386	164	250091	20.00	ng	0.00
64) Phenanthrene-d10	17.121	188	485147	20.00	ng	0.00
76) Chrysene-d12	21.292	240	562227	20.00	ng	0.00
86) Perylene-d12	23.533	264	589748	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	824951	117.22	ng	0.01
7) Phenol-d6	6.940	99	1050576	104.03	ng	0.02
23) Nitrobenzene-d5	8.910	82	741816	79.76	ng	0.00
42) 2,4,6-Tribromophenol	15.874	330	253983	109.66	ng	0.01
45) 2-Fluorobiphenyl	13.010	172	1401759	79.50	ng	0.00
79) Terphenyl-d14	19.745	244	1903355	68.01	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	123569	38.63	ng	98
3) Pyridine	3.693	79	345989	44.87	ng	100
4) n-Nitrosodimethylamine	3.604	42	179520	51.88	ng	93
6) Aniline	7.092	93	143676	13.13	ng	99
8) 2-Chlorophenol	7.328	128	366198	46.11	ng	99
9) Benzaldehyde	6.904	77	292354	46.10	ng	100
10) Phenol	6.969	94	465477	46.65	ng	96
11) bis(2-Chloroethyl)ether	7.187	93	346070	48.47	ng	98
12) 1,3-Dichlorobenzene	7.651	146	408787	46.02	ng	98
13) 1,4-Dichlorobenzene	7.792	146	418515	46.46	ng	99
14) 1,2-Dichlorobenzene	8.110	146	393922	45.50	ng	98
15) Benzyl Alcohol	7.998	79	317414	43.45	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.281	45	499035	45.59	ng	99
17) 2-Methylphenol	8.204	107	298899	46.62	ng	99
18) Hexachloroethane	8.834	117	159947	48.87	ng	97
19) n-Nitroso-di-n-propyla...	8.563	70	292872	44.95	ng	95
20) 3+4-Methylphenols	8.534	107	393509	45.86	ng	100
22) Acetophenone	8.575	105	533353	47.18	ng	99
24) Nitrobenzene	8.951	77	436190	44.93	ng	99
25) Isophorone	9.475	82	756131	47.33	ng	98
26) 2-Nitrophenol	9.657	139	185090	57.18	ng	96
27) 2,4-Dimethylphenol	9.728	122	320006	51.57	ng	98
28) bis(2-Chloroethoxy)met...	9.957	93	444671	52.64	ng	99
29) 2,4-Dichlorophenol	10.192	162	284802	42.21	ng	98
30) 1,2,4-Trichlorobenzene	10.404	180	352870	46.06	ng	98
31) Naphthalene	10.592	128	1061180	44.58	ng	99
32) Benzoic acid	9.881	122	215090	53.05	ng	99
33) 4-Chloroaniline	10.704	127	56814	6.04	ng	95
34) Hexachlorobutadiene	10.875	225	209486	47.07	ng	98
35) Caprolactam	11.480	113	96254m	43.90	ng	
36) 4-Chloro-3-methylphenol	11.833	107	326224	45.28	ng	96
37) 2-Methylnaphthalene	12.204	142	743708	44.68	ng	99
38) 1-Methylnaphthalene	12.422	142	686574	43.37	ng	100
40) 1,2,4,5-Tetrachloroben...	12.574	216	350302	49.98	ng	98
41) Hexachlorocyclopentadiene	12.557	237	264006	68.65	ng	99
43) 2,4,6-Trichlorophenol	12.822	196	231458	50.73	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.892	196	236924	46.71	ng	97
46) 1,1'-Biphenyl	13.222	154	909315	47.83	ng	99
47) 2-Chloronaphthalene	13.257	162	701535	46.86	ng	99
48) 2-Nitroaniline	13.463	65	235877	48.17	ng	99
49) Acenaphthylene	14.110	152	1145935	50.32	ng	99
50) Dimethylphthalate	13.845	163	867225	49.62	ng	99
51) 2,6-Dinitrotoluene	13.963	165	179459	47.47	ng	99
52) Acenaphthene	14.451	154	683395	47.22	ng	99
53) 3-Nitroaniline	14.292	138	83376	21.79	ng	95
54) 2,4-Dinitrophenol	14.492	184	105319	49.91	ng	96
55) Dibenzofuran	14.786	168	1009395	44.33	ng	100
56) 4-Nitrophenol	14.610	139	337951	96.66	ng	96
57) 2,4-Dinitrotoluene	14.745	165	240869	43.77	ng	99
58) Fluorene	15.433	166	838238	45.41	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.015	232	161440	38.84	ng	98
60) Diethylphthalate	15.210	149	846391	49.16	ng	99
61) 4-Chlorophenyl-phenyle...	15.427	204	394430	46.31	ng	97
62) 4-Nitroaniline	15.451	138	178366	39.77	ng	100
63) Azobenzene	15.721	77	917781	46.64	ng	98
65) 4,6-Dinitro-2-methylph...	15.510	198	73593	27.64	ng	96
66) n-Nitrosodiphenylamine	15.645	169	710029	45.72	ng	100
67) 4-Bromophenyl-phenylether	16.321	248	220543	49.59	ng	99
68) Hexachlorobenzene	16.433	284	240441	45.95	ng	98
69) Atrazine	16.598	200	254007	51.80	ng	98
70) Pentachlorophenol	16.774	266	88098	27.33	ng	97
71) Phenanthrene	17.168	178	1257388	44.69	ng	99
72) Anthracene	17.257	178	1317989	48.22	ng	100
73) Carbazole	17.527	167	1208670	44.94	ng	100
74) Di-n-butylphthalate	18.092	149	1455036	56.09	ng	99
75) Fluoranthene	19.174	202	1543542	49.66	ng	99
77) Benzidine	19.362	184	793726	48.87	ng	100
78) Pyrene	19.539	202	1606709	42.21	ng	100
80) Butylbenzylphthalate	20.439	149	762949	52.45	ng	98
81) Benzo(a)anthracene	21.274	228	1755404	47.84	ng	99
82) 3,3'-Dichlorobenzidine	21.209	252	459208	41.87	ng	98
83) Chrysene	21.327	228	1643515	44.77	ng	99
84) Bis(2-ethylhexyl)phtha...	21.215	149	1187461	56.26	ng	98
85) Di-n-octyl phthalate	22.086	149	2178599	62.31	ng	98
87) Indeno(1,2,3-cd)pyrene	25.803	276	2014696	46.71	ng	100
88) Benzo(b)fluoranthene	22.862	252	1756383	45.78	ng	99
89) Benzo(k)fluoranthene	22.903	252	1662712	44.60	ng	100
90) Benzo(a)pyrene	23.438	252	1543149	44.40	ng	99
91) Dibenzo(a,h)anthracene	25.815	278	1692845	45.85	ng	100
92) Benzo(g,h,i)perylene	26.497	276	1632348	45.12	ng	99

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

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