Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031621\
Data File : BM029153.D
Acq On : 16 Mar 2021 17:53
Operator : CG/JU
Sample : M1639-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 16 18:39:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 12 12:30:15 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
STOCKPILEMSD

Manual Integrations APPROVED
mohammad
3/17/2021 10:51:54 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.610	152	9480	20.00	ng		-0.01
21) Naphthalene-d8	10.398	136	37910	20.00	ng		#-0.02
39) Acenaphthene-d10	14.286	164	23724	20.00	ng		-0.01
64) Phenanthrene-d10	17.033	188	50114	20.00	ng		-0.01
76) Chrysene-d12	21.215	240	56160	20.00	ng		#-0.01
86) Perylene-d12	23.356	264	54050	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.204	112	81813	143.05	ng		0.00
7) Phenol-d6	6.834	99	93885	124.28	ng		0.01
23) Nitrobenzene-d5	8.792	82	65145	92.71	ng		0.00
42) 2,4,6-Tribromophenol	15.792	330	39939	142.04	ng		0.00
45) 2-Fluorobiphenyl	12.898	172	149378	83.82	ng		0.00
79) Terphenyl-d14	19.668	244	253653	83.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.057	88	8649	40.22	ng	#	2
3) Pyridine	3.475	79	21767	38.36	ng	#	28
4) n-Nitrosodimethylamine	3.387	42	21846	68.90	ng	#	41
6) Aniline	6.957	93	12868	15.93	ng		98
8) 2-Chlorophenol	7.187	128	32617	48.01	ng		96
9) Benzaldehyde	6.763	77	20262	49.21	ng		84
10) Phenol	6.857	94	38344	51.08	ng		93
11) bis(2-Chloroethyl)ether	7.057	93	26704	46.89	ng		90
12) 1,3-Dichlorobenzene	7.498	146	31973	43.15	ng	#	94
13) 1,4-Dichlorobenzene	7.645	146	32649	43.45	ng		100
14) 1,2-Dichlorobenzene	7.957	146	31632	43.75	ng		98
15) Benzyl Alcohol	7.881	79	29708	54.99	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.151	45	47268	53.90	ng		69
17) 2-Methylphenol	8.098	107	26422	51.83	ng	#	90
18) Hexachloroethane	8.669	117	12319	45.12	ng		91
19) n-Nitroso-di-n-propyla...	8.439	70	22350	50.29	ng	#	48
20) 3+4-Methylphenols	8.434	107	36614	53.38	ng		91
22) Acetophenone	8.451	105	47594	51.48	ng	#	80
24) Nitrobenzene	8.834	77	34051	47.66	ng	#	87
25) Isophorone	9.351	82	61256	49.54	ng		96
26) 2-Nitrophenol	9.534	139	17420	48.27	ng		93
27) 2,4-Dimethylphenol	9.616	122	29676	54.80	ng		95
28) bis(2-Chloroethoxy)met...	9.839	93	36155	51.46	ng		98
29) 2,4-Dichlorophenol	10.081	162	31229	50.41	ng		98
30) 1,2,4-Trichlorobenzene	10.269	180	30455	44.83	ng		99
31) Naphthalene	10.451	128	91599	43.83	ng		100
32) Benzoic acid	9.933	122	5432m	13.99	ng		
33) 4-Chloroaniline	10.592	127	4595	5.47	ng		98
34) Hexachlorobutadiene	10.716	225	18193	44.66	ng		97
35) Caprolactam	11.428	113	8289	48.91	ng	#	43
36) 4-Chloro-3-methylphenol	11.751	107	33804	54.14	ng		94
37) 2-Methylnaphthalene	12.075	142	66935	45.52	ng		99
38) 1-Methylnaphthalene	12.298	142	62870	45.14	ng		100
40) 1,2,4,5-Tetrachloroben...	12.451	216	32766	44.17	ng		98
41) Hexachlorocyclopentadiene	12.410	237	23068	81.58	ng		100
43) 2,4,6-Trichlorophenol	12.716	196	24500	47.12	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	27000	48.38	ng		93
46) 1,1'-Biphenyl	13.110	154	86788	45.61	ng		98
47) 2-Chloronaphthalene	13.151	162	67081	43.19	ng		96
48) 2-Nitroaniline	13.386	65	23579	56.44	ng		95
49) Acenaphthylene	14.010	152	115508	48.42	ng		99
50) Dimethylphthalate	13.763	163	91455	50.87	ng		99
51) 2,6-Dinitrotoluene	13.898	165	19666	46.91	ng		93
52) Acenaphthene	14.351	154	66228	45.28	ng		98
53) 3-Nitroaniline	14.233	138	8469	20.74	ng		84
54) 2,4-Dinitrophenol	14.463	184	4927	22.98	ng		90
55) Dibenzofuran	14.692	168	104735	45.60	ng		97
56) 4-Nitrophenol	14.592	139	33563	100.18	ng		94
57) 2,4-Dinitrotoluene	14.698	165	28855	52.70	ng	#	90
58) Fluorene	15.339	166	87610	47.59	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.933	232	23247m	51.83	ng		
60) Diethylphthalate	15.127	149	96112	53.13	ng		97
61) 4-Chlorophenyl-phenyle...	15.339	204	42447	48.33	ng		91
62) 4-Nitroaniline	15.410	138	20120	50.95	ng		98
63) Azobenzene	15.633	77	83945	50.29	ng	#	83
65) 4,6-Dinitro-2-methylph...	15.468	198	6665	18.89	ng	#	74
66) n-Nitrosodiphenylamine	15.563	169	75246	43.89	ng		97
67) 4-Bromophenyl-phenylether	16.227	248	24653	43.84	ng	#	87
68) Hexachlorobenzene	16.339	284	27235	43.46	ng	#	89
69) Atrazine	16.527	200	29306	54.94	ng		98
70) Pentachlorophenol	16.704	266	30556	91.16	ng		98
71) Phenanthrene	17.080	178	136267	45.66	ng		99
72) Anthracene	17.168	178	141558	47.88	ng		99
73) Carbazole	17.457	167	135275	47.69	ng		99
74) Di-n-butylphthalate	18.004	149	179627	55.70	ng		99
75) Fluoranthene	19.098	202	165421	50.44	ng		98
77) Benzidine	19.298	184	63614	34.37	ng		98
78) Pyrene	19.462	202	171947	41.68	ng		99
80) Butylbenzylphthalate	20.362	149	88824	50.01	ng		96
81) Benzo(a)anthracene	21.203	228	181743	46.63	ng		100
82) 3,3'-Dichlorobenzidine	21.145	252	26120	19.40	ng	#	98
83) Chrysene	21.256	228	173692	45.73	ng		99
84) Bis(2-ethylhexyl)phtha...	21.127	149	138507	54.19	ng	#	96
85) Di-n-octyl phthalate	21.980	149	245314	56.57	ng	#	87
87) Indeno(1,2,3-cd)pyrene	25.491	276	180755	44.32	ng	#	91
88) Benzo(b)fluoranthene	22.721	252	181686	47.59	ng	#	97
89) Benzo(k)fluoranthene	22.768	252	165685	45.68	ng	#	97
90) Benzo(a)pyrene	23.268	252	152290	43.71	ng	#	98
91) Dibenzo(a,h)anthracene	25.497	278	155312	43.82	ng	#	95
92) Benzo(g,h,i)perylene	26.144	276	143508	41.93	ng	#	95

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

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