Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030821\
Data File : BM029012.D
Acq On : 08 Mar 2021 09:19
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/9/2021 12:20:12 PM

Quant Time: Mar 08 10:01:58 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 05 13:17:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	10050	20.00	ng		0.00
21) Naphthalene-d8	10.469	136	37372	20.00	ng		# 0.00
39) Acenaphthene-d10	14.345	164	21762	20.00	ng		0.00
64) Phenanthrene-d10	17.086	188	43957	20.00	ng		-0.01
76) Chrysene-d12	21.262	240	43907	20.00	ng		#-0.01
86) Perylene-d12	23.421	264	44105	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.245	112	48434	79.88	ng		0.00
7) Phenol-d6	6.875	99	62626	78.20	ng		0.00
23) Nitrobenzene-d5	8.851	82	59830	86.37	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	20736	80.40	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	130319	79.72	ng		0.00
79) Terphenyl-d14	19.715	244	187515	78.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.087	88	9723	42.65	ng	#	58
3) Pyridine	3.504	79	25467	42.33	ng	#	32
4) n-Nitrosodimethylamine	3.422	42	18358	54.62	ng	#	41
6) Aniline	7.010	93	33530	39.15	ng		99
8) 2-Chlorophenol	7.239	128	27920	38.77	ng		97
9) Benzaldehyde	6.822	77	15405	35.29	ng		84
10) Phenol	6.898	94	30499	38.32	ng		96
11) bis(2-Chloroethyl)ether	7.110	93	22750	37.68	ng		87
12) 1,3-Dichlorobenzene	7.557	146	30612m	38.97	ng		
13) 1,4-Dichlorobenzene	7.710	146	31383	39.40	ng		98
14) 1,2-Dichlorobenzene	8.022	146	29515	38.51	ng		96
15) Benzyl Alcohol	7.934	79	23043	40.24	ng	#	91
16) 2,2'-oxybis(1-Chloropr...	8.216	45	41125	44.23	ng		69
17) 2-Methylphenol	8.145	107	20698	38.30	ng		92
18) Hexachloroethane	8.739	117	11841	40.91	ng		95
19) n-Nitroso-di-n-propyla...	8.492	70	19378	41.13	ng	#	48
20) 3+4-Methylphenols	8.475	107	28458	39.14	ng		94
22) Acetophenone	8.510	105	37575	41.23	ng	#	80
24) Nitrobenzene	8.892	77	30228	42.92	ng	#	87
25) Isophorone	9.410	82	50861	41.73	ng		95
26) 2-Nitrophenol	9.598	139	14532	40.85	ng		92
27) 2,4-Dimethylphenol	9.669	122	21070	39.47	ng		94
28) bis(2-Chloroethoxy)met...	9.898	93	27283	39.40	ng		96
29) 2,4-Dichlorophenol	10.133	162	24821	40.64	ng		99
30) 1,2,4-Trichlorobenzene	10.333	180	27396	40.91	ng		98
31) Naphthalene	10.516	128	81717	39.66	ng		99
32) Benzoic acid	9.845	122	16824	43.97	ng	#	87
33) 4-Chloroaniline	10.645	127	33085	39.95	ng		95
34) Hexachlorobutadiene	10.786	225	17086	42.55	ng		95
35) Caprolactam	11.451	113	6679	39.97	ng	#	35
36) 4-Chloro-3-methylphenol	11.792	107	25539	41.49	ng		96
37) 2-Methylnaphthalene	12.139	142	57507	39.67	ng		97
38) 1-Methylnaphthalene	12.363	142	54059	39.37	ng		97
40) 1,2,4,5-Tetrachloroben...	12.516	216	26872	39.49	ng		99
41) Hexachlorocyclopentadiene	12.480	237	11342	43.73	ng		95
43) 2,4,6-Trichlorophenol	12.774	196	19474	40.83	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	20691	40.42	ng		95
46) 1,1'-Biphenyl	13.168	154	68053	38.99	ng		99
47) 2-Chloronaphthalene	13.210	162	56116	39.39	ng		97
48) 2-Nitroaniline	13.439	65	17410	45.43	ng		92
49) Acenaphthylene	14.063	152	87322	39.91	ng		99
50) Dimethylphthalate	13.815	163	68216	41.36	ng		99
51) 2,6-Dinitrotoluene	13.945	165	15747	40.95	ng		93
52) Acenaphthene	14.410	154	52420	39.07	ng		99
53) 3-Nitroaniline	14.274	138	15549	41.50	ng		87
54) 2,4-Dinitrophenol	14.498	184	8073	41.05	ng		88
55) Dibenzofuran	14.745	168	85496	40.58	ng		96
56) 4-Nitrophenol	14.610	139	12028	39.14	ng		94
57) 2,4-Dinitrotoluene	14.739	165	21696	43.19	ng	#	79
58) Fluorene	15.392	166	69063	40.90	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.980	232	16887m	41.05	ng		
60) Diethylphthalate	15.180	149	70564	42.53	ng		98
61) 4-Chlorophenyl-phenyle...	15.392	204	32963	40.91	ng		91
62) 4-Nitroaniline	15.445	138	15156	41.84	ng		96
63) Azobenzene	15.686	77	66794	43.63	ng	#	82
65) 4,6-Dinitro-2-methylph...	15.504	198	12215	39.46	ng	#	64
66) n-Nitrosodiphenylamine	15.615	169	58775	39.09	ng		97
67) 4-Bromophenyl-phenylether	16.286	248	18882	38.28	ng	#	88
68) Hexachlorobenzene	16.392	284	21594	39.29	ng	#	92
69) Atrazine	16.568	200	19295	41.24	ng		95
70) Pentachlorophenol	16.751	266	12307	41.86	ng		99
71) Phenanthrene	17.127	178	102477	39.15	ng		100
72) Anthracene	17.221	178	102382	39.48	ng		99
73) Carbazole	17.503	167	98463	39.58	ng		99
74) Di-n-butylphthalate	18.056	149	119138	42.12	ng		100
75) Fluoranthene	19.145	202	116725	40.58	ng		99
77) Benzidine	19.345	184	50038	34.58	ng		99
78) Pyrene	19.509	202	121372	37.63	ng		99
80) Butylbenzylphthalate	20.409	149	56608	40.77	ng		95
81) Benzo(a)anthracene	21.250	228	121229	39.78	ng		99
82) 3,3'-Dichlorobenzidine	21.186	252	41638	39.56	ng	#	98
83) Chrysene	21.297	228	118648	39.96	ng		99
84) Bis(2-ethylhexyl)phtha...	21.174	149	83447	41.76	ng	#	94
85) Di-n-octyl phthalate	22.033	149	145340	42.87	ng	#	87
87) Indeno(1,2,3-cd)pyrene	25.579	276	131374	39.47	ng	#	92
88) Benzo(b)fluoranthene	22.780	252	120003	38.52	ng	#	97
89) Benzo(k)fluoranthene	22.821	252	120123	40.59	ng	#	98
90) Benzo(a)pyrene	23.327	252	112995	39.75	ng	#	97
91) Dibenzo(a,h)anthracene	25.585	278	114623	39.63	ng	#	94
92) Benzo(g,h,i)perylene	26.244	276	110030	39.40	ng	#	94

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

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