Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029038.D
Acq On : 09 Mar 2021 09:28
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/10/2021 11:52:45 AM

Quant Time: Mar 09 10:08:49 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 09 10:08:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.669	152	10141	20.00	ng		0.00
21) Naphthalene-d8	10.463	136	36378	20.00	ng	#	0.00
39) Acenaphthene-d10	14.339	164	20296	20.00	ng		0.00
64) Phenanthrene-d10	17.086	188	41844	20.00	ng		0.00
76) Chrysene-d12	21.262	240	42716	20.00	ng	#	0.00
86) Perylene-d12	23.421	264	43950	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.246	112	47937	78.35	ng		0.00
7) Phenol-d6	6.869	99	60716	75.13	ng		0.00
23) Nitrobenzene-d5	8.845	82	56600	83.94	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	20190	83.93	ng		0.00
45) 2-Fluorobiphenyl	12.951	172	123484	81.00	ng		0.00
79) Terphenyl-d14	19.709	244	181484	78.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.093	88	9457	41.11	ng	#	62
3) Pyridine	3.510	79	24569	40.47	ng	#	32
4) n-Nitrosodimethylamine	3.428	42	16660	49.12	ng	#	46
6) Aniline	7.010	93	32771	37.92	ng		99
8) 2-Chlorophenol	7.240	128	27132	37.33	ng		96
9) Benzaldehyde	6.822	77	15154	34.41	ng	#	82
10) Phenol	6.898	94	30023	37.39	ng		93
11) bis(2-Chloroethyl)ether	7.110	93	22860	37.52	ng		90
12) 1,3-Dichlorobenzene	7.551	146	29678m	37.45	ng		
13) 1,4-Dichlorobenzene	7.704	146	30714	38.21	ng		98
14) 1,2-Dichlorobenzene	8.016	146	29414	38.03	ng		98
15) Benzyl Alcohol	7.934	79	21882	37.87	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.210	45	39788	42.41	ng		69
17) 2-Methylphenol	8.140	107	20409	37.42	ng	#	90
18) Hexachloroethane	8.734	117	11632	39.83	ng		91
19) n-Nitroso-di-n-propyla...	8.492	70	18519	38.96	ng	#	51
20) 3+4-Methylphenols	8.475	107	27689	37.74	ng		92
22) Acetophenone	8.510	105	36373	41.00	ng	#	84
24) Nitrobenzene	8.887	77	28770	41.96	ng	#	89
25) Isophorone	9.410	82	49843	42.01	ng	#	94
26) 2-Nitrophenol	9.592	139	14228	41.09	ng	#	87
27) 2,4-Dimethylphenol	9.663	122	20842	40.11	ng		90
28) bis(2-Chloroethoxy)met...	9.892	93	26322	39.05	ng	#	97
29) 2,4-Dichlorophenol	10.134	162	23577	39.66	ng		99
30) 1,2,4-Trichlorobenzene	10.328	180	26460	40.59	ng		95
31) Naphthalene	10.516	128	79766	39.77	ng		99
32) Benzoic acid	9.839	122	16066	43.13	ng	#	89
33) 4-Chloroaniline	10.645	127	31410	38.97	ng		93
34) Hexachlorobutadiene	10.781	225	16594	42.45	ng		98
35) Caprolactam	11.451	113	6616	40.68	ng	#	55
36) 4-Chloro-3-methylphenol	11.792	107	24186	40.37	ng		95
37) 2-Methylnaphthalene	12.133	142	54895	38.90	ng		98
38) 1-Methylnaphthalene	12.357	142	52101	38.98	ng		99
40) 1,2,4,5-Tetrachloroben...	12.510	216	25732	40.55	ng		99
41) Hexachlorocyclopentadiene	12.475	237	9952	41.14	ng		92
43) 2,4,6-Trichlorophenol	12.769	196	18434	41.44	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	19787	41.45	ng		94
46) 1,1'-Biphenyl	13.163	154	64469	39.61	ng		97
47) 2-Chloronaphthalene	13.204	162	53662	40.39	ng		96
48) 2-Nitroaniline	13.433	65	16220	45.39	ng		92
49) Acenaphthylene	14.057	152	83975	41.15	ng		99
50) Dimethylphthalate	13.810	163	65814	42.79	ng		99
51) 2,6-Dinitrotoluene	13.939	165	15049	41.96	ng		92
52) Acenaphthene	14.404	154	50168	40.09	ng		97
53) 3-Nitroaniline	14.274	138	14623	41.85	ng		85
54) 2,4-Dinitrophenol	14.498	184	7697	41.96	ng		92
55) Dibenzofuran	14.739	168	81503	41.48	ng		96
56) 4-Nitrophenol	14.610	139	11499	40.12	ng		92
57) 2,4-Dinitrotoluene	14.739	165	21163	45.18	ng	#	83
58) Fluorene	15.392	166	64821	41.16	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.980	232	16219m	42.27	ng		
60) Diethylphthalate	15.174	149	67344	43.52	ng		98
61) 4-Chlorophenyl-phenyle...	15.386	204	31233	41.57	ng		91
62) 4-Nitroaniline	15.439	138	14691	43.49	ng		95
63) Azobenzene	15.680	77	62646	43.87	ng	#	83
65) 4,6-Dinitro-2-methylph...	15.504	198	11726	39.80	ng	#	68
66) n-Nitrosodiphenylamine	15.610	169	55174	38.55	ng		99
67) 4-Bromophenyl-phenylether	16.280	248	18085	38.52	ng	#	91
68) Hexachlorobenzene	16.392	284	20107	38.43	ng	#	91
69) Atrazine	16.568	200	18589	41.74	ng		98
70) Pentachlorophenol	16.745	266	11845	42.32	ng		98
71) Phenanthrene	17.127	178	97291	39.05	ng		99
72) Anthracene	17.215	178	97545	39.52	ng		98
73) Carbazole	17.498	167	94562	39.93	ng		98
74) Di-n-butylphthalate	18.051	149	117136	43.50	ng		100
75) Fluoranthene	19.145	202	114162	41.69	ng		99
77) Benzidine	19.339	184	50454	35.84	ng		100
78) Pyrene	19.504	202	119168	37.98	ng		98
80) Butylbenzylphthalate	20.403	149	56790	42.04	ng	#	97
81) Benzo(a)anthracene	21.245	228	118828	40.08	ng		99
82) 3,3'-Dichlorobenzidine	21.186	252	41875	40.89	ng	#	97
83) Chrysene	21.298	228	115469	39.97	ng		99
84) Bis(2-ethylhexyl)phtha...	21.174	149	85389	43.92	ng	#	94
85) Di-n-octyl phthalate	22.033	149	148399	44.99	ng	#	88
87) Indeno(1,2,3-cd)pyrene	25.585	276	133743	40.33	ng	#	91
88) Benzo(b)fluoranthene	22.780	252	119687	38.55	ng	#	98
89) Benzo(k)fluoranthene	22.821	252	119013	40.35	ng	#	98
90) Benzo(a)pyrene	23.333	252	111946	39.52	ng	#	98
91) Dibenzo(a,h)anthracene	25.585	278	116149	40.30	ng	#	95
92) Benzo(g,h,i)perylene	26.238	276	111567	40.09	ng	#	92

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

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