

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
 Data File : BM029046.D
 Acq On : 09 Mar 2021 15:08
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 3/10/2021 11:52:56 AM

mohammad

Quant Time: Mar 09 15:38:25 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	9013	20.00	ng	0.00
21) Naphthalene-d8	10.463	136	33822	20.00	ng	# 0.00
39) Acenaphthene-d10	14.339	164	19518	20.00	ng	0.00
64) Phenanthrene-d10	17.086	188	39814	20.00	ng	# 0.00
76) Chrysene-d12	21.256	240	40724	20.00	ng	# 0.00
86) Perylene-d12	23.415	264	42655	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	43510	80.02	ng	0.00
7) Phenol-d6	6.869	99	54857	76.38	ng	0.00
23) Nitrobenzene-d5	8.845	82	51604	82.32	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	18864	81.55	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	117076	79.85	ng	0.00
79) Terphenyl-d14	19.709	244	172693	78.30	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.087	88	8945	43.75	ng	# 63
3) Pyridine	3.510	79	22622	41.93	ng	# 30
4) n-Nitrosodimethylamine	3.428	42	15763	52.29	ng	# 42
6) Aniline	7.004	93	30153	39.26	ng	99
8) 2-Chlorophenol	7.240	128	24951	38.63	ng	93
9) Benzaldehyde	6.822	77	13797	35.24	ng	86
10) Phenol	6.893	94	27124	38.00	ng	95
11) bis(2-Chloroethyl)ether	7.110	93	20825	38.46	ng	93
12) 1,3-Dichlorobenzene	7.551	146	27566	39.13	ng	94
13) 1,4-Dichlorobenzene	7.704	146	28325	39.65	ng	96
14) 1,2-Dichlorobenzene	8.016	146	26854	39.07	ng	99
15) Benzyl Alcohol	7.928	79	21851	42.54	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.204	45	35761	42.89	ng	68
17) 2-Methylphenol	8.140	107	18928	39.05	ng	# 91
18) Hexachloroethane	8.734	117	10882	41.92	ng	93
19) n-Nitroso-di-n-propyla...	8.487	70	16954	40.13	ng	# 53
20) 3+4-Methylphenols	8.475	107	25309	38.81	ng	91
22) Acetophenone	8.510	105	33463	40.57	ng	# 82
24) Nitrobenzene	8.886	77	26537	41.63	ng	# 88
25) Isophorone	9.410	82	45848	41.56	ng	95
26) 2-Nitrophenol	9.592	139	12997	40.37	ng	88
27) 2,4-Dimethylphenol	9.663	122	18597	38.49	ng	95
28) bis(2-Chloroethoxy)met...	9.892	93	24148	38.53	ng	99
29) 2,4-Dichlorophenol	10.133	162	21872	39.57	ng	96
30) 1,2,4-Trichlorobenzene	10.328	180	24365	40.20	ng	98
31) Naphthalene	10.510	128	73343	39.33	ng	100
32) Benzoic acid	9.839	122	14703	42.46	ng	# 86
33) 4-Chloroaniline	10.645	127	28868	38.52	ng	# 93
34) Hexachlorobutadiene	10.781	225	15251	41.97	ng	99
35) Caprolactam	11.451	113	6193	40.96	ng	# 55
36) 4-Chloro-3-methylphenol	11.786	107	22406	40.22	ng	94
37) 2-Methylnaphthalene	12.133	142	51208	39.03	ng	98
38) 1-Methylnaphthalene	12.357	142	48305	38.87	ng	99
40) 1,2,4,5-Tetrachloroben...	12.510	216	23885	39.14	ng	99
41) Hexachlorocyclopentadiene	12.469	237	8896	38.24	ng	99
43) 2,4,6-Trichlorophenol	12.769	196	17061	39.88	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	12.845	196	18325	39.91	ng	#	93
46) 1,1'-Biphenyl	13.163	154	60489	38.64	ng		98
47) 2-Chloronaphthalene	13.204	162	49979	39.11	ng		97
48) 2-Nitroaniline	13.433	65	14934	43.45	ng		98
49) Acenaphthylene	14.057	152	78204	39.85	ng		99
50) Dimethylphthalate	13.810	163	61569	41.63	ng		99
51) 2,6-Dinitrotoluene	13.939	165	14136	40.99	ng		95
52) Acenaphthene	14.404	154	47308	39.31	ng		99
53) 3-Nitroaniline	14.274	138	13299	39.58	ng		95
54) 2,4-Dinitrophenol	14.498	184	7159	40.58	ng		88
55) Dibenzofuran	14.739	168	75755	40.09	ng		97
56) 4-Nitrophenol	14.610	139	10255	37.21	ng		92
57) 2,4-Dinitrotoluene	14.739	165	19699	43.73	ng	#	83
58) Fluorene	15.392	166	60991	40.27	ng		96
59) 2,3,4,6-Tetrachlorophenol	14.974	232	15198m	41.19	ng		
60) Diethylphthalate	15.174	149	63397	42.60	ng		98
61) 4-Chlorophenyl-phenyle...	15.386	204	30183	41.77	ng		91
62) 4-Nitroaniline	15.439	138	13306	40.96	ng		97
63) Azobenzene	15.680	77	59575	43.38	ng		85
65) 4,6-Dinitro-2-methylph...	15.504	198	10718	38.23	ng	#	64
66) n-Nitrosodiphenylamine	15.610	169	51981	38.17	ng		99
67) 4-Bromophenyl-phenylether	16.280	248	17223	38.55	ng	#	90
68) Hexachlorobenzene	16.386	284	18948	38.06	ng	#	87
69) Atrazine	16.562	200	17478	41.25	ng		97
70) Pentachlorophenol	16.745	266	11560	43.41	ng		99
71) Phenanthrene	17.127	178	92055	38.83	ng		99
72) Anthracene	17.215	178	92684	39.46	ng		98
73) Carbazole	17.498	167	89834	39.87	ng		98
74) Di-n-butylphthalate	18.051	149	109800	42.85	ng		99
75) Fluoranthene	19.139	202	107550	41.28	ng		98
77) Benzidine	19.339	184	46682	34.79	ng		98
78) Pyrene	19.503	202	111765	37.36	ng		99
80) Butylbenzylphthalate	20.403	149	52786	40.99	ng		96
81) Benzo(a)anthracene	21.245	228	114006	40.34	ng		98
82) 3,3'-Dichlorobenzidine	21.186	252	39712	40.67	ng	#	98
83) Chrysene	21.297	228	110983	40.30	ng		100
84) Bis(2-ethylhexyl)phtha...	21.174	149	80416	43.39	ng	#	96
85) Di-n-octyl phthalate	22.027	149	141719	45.07	ng	#	88
87) Indeno(1,2,3-cd)pyrene	25.580	276	128630	39.96	ng	#	91
88) Benzo(b)fluoranthene	22.774	252	120177	39.88	ng	#	97
89) Benzo(k)fluoranthene	22.821	252	112632	39.35	ng	#	97
90) Benzo(a)pyrene	23.327	252	108859	39.59	ng	#	97
91) Dibenzo(a,h)anthracene	25.580	278	112428	40.19	ng	#	95
92) Benzo(g,h,i)perylene	26.232	276	107321	39.73	ng	#	94

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

