

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
 Data File : BM029130.D
 Acq On : 15 Mar 2021 15:06
 Operator : CG/JU
 Sample : PB135159BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB135159BSD

Manual Integrations
 APPROVED

mohammad
 3/16/2021 11:15:46 AM

Quant Time: Mar 15 15:38:27 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	8309	20.00	ng	0.00
21) Naphthalene-d8	10.404	136	31694	20.00	ng	#-0.01
39) Acenaphthene-d10	14.286	164	17973	20.00	ng	-0.01
64) Phenanthrene-d10	17.039	188	33164	20.00	ng	# 0.00
76) Chrysene-d12	21.215	240	30934	20.00	ng	#-0.01
86) Perylene-d12	23.356	264	30766	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	55567	110.85	ng	0.00
7) Phenol-d6	6.816	99	67282	101.62	ng	0.00
23) Nitrobenzene-d5	8.792	82	35842	61.01	ng	0.00
42) 2,4,6-Tribromophenol	15.792	330	20644	96.91	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	78617	58.23	ng	0.00
79) Terphenyl-d14	19.668	244	91023	54.33	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.052	88	8133	43.15	ng	# 54
3) Pyridine	3.463	79	20210	40.63	ng	# 28
4) n-Nitrosodimethylamine	3.387	42	16271	58.55	ng	# 38
6) Aniline	6.957	93	20469	28.91	ng	99
8) 2-Chlorophenol	7.187	128	24173	40.60	ng	95
9) Benzaldehyde	6.775	77	5793	16.05	ng	81
10) Phenol	6.845	94	26552	40.35	ng	96
11) bis(2-Chloroethyl)ether	7.057	93	20299	40.67	ng	88
12) 1,3-Dichlorobenzene	7.498	146	27468	42.30	ng	95
13) 1,4-Dichlorobenzene	7.651	146	27615	41.93	ng	97
14) 1,2-Dichlorobenzene	7.963	146	26391	41.65	ng	99
15) Benzyl Alcohol	7.881	79	19487	41.16	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.157	45	37086	48.25	ng	69
17) 2-Methylphenol	8.087	107	18328	41.02	ng	93
18) Hexachloroethane	8.675	117	10608	44.33	ng	95
19) n-Nitroso-di-n-propyla...	8.440	70	15758	40.46	ng	# 47
20) 3+4-Methylphenols	8.422	107	24193	40.25	ng	92
22) Acetophenone	8.457	105	34057	44.06	ng	# 82
24) Nitrobenzene	8.834	77	25113	42.04	ng	# 89
25) Isophorone	9.357	82	41768	40.41	ng	95
26) 2-Nitrophenol	9.539	139	12419	41.16	ng	92
27) 2,4-Dimethylphenol	9.610	122	19165	42.33	ng	95
28) bis(2-Chloroethoxy)met...	9.839	93	25802	43.93	ng	97
29) 2,4-Dichlorophenol	10.075	162	21427	41.37	ng	99
30) 1,2,4-Trichlorobenzene	10.275	180	23794	41.89	ng	96
31) Naphthalene	10.457	128	69512	39.78	ng	99
32) Benzoic acid	9.798	122	13001	40.06	ng	93
33) 4-Chloroaniline	10.592	127	16757	23.86	ng	95
34) Hexachlorobutadiene	10.722	225	14437	42.40	ng	98
35) Caprolactam	11.398	113	5314	37.50	ng	# 32
36) 4-Chloro-3-methylphenol	11.739	107	20830	39.90	ng	93
37) 2-Methylnaphthalene	12.080	142	48226	39.23	ng	98
38) 1-Methylnaphthalene	12.304	142	45016	38.66	ng	100
40) 1,2,4,5-Tetrachloroben...	12.457	216	23603	42.00	ng	97
41) Hexachlorocyclopentadiene	12.416	237	21238	99.15	ng	96
43) 2,4,6-Trichlorophenol	12.716	196	15573	39.54	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	12.798	196	16306	38.57	ng	#	97
46) 1,1'-Biphenyl	13.116	154	58504	40.59	ng		99
47) 2-Chloronaphthalene	13.157	162	47070	40.00	ng		97
48) 2-Nitroaniline	13.386	65	13688	43.25	ng		91
49) Acenaphthylene	14.010	152	72410	40.07	ng		99
50) Dimethylphthalate	13.763	163	55493	40.74	ng		98
51) 2,6-Dinitrotoluene	13.892	165	12321	38.80	ng		96
52) Acenaphthene	14.351	154	42313	38.18	ng		96
53) 3-Nitroaniline	14.227	138	8367	27.04	ng		85
54) 2,4-Dinitrophenol	14.457	184	12374	76.18	ng		92
55) Dibenzofuran	14.692	168	67205	38.63	ng		96
56) 4-Nitrophenol	14.563	139	18047	71.10	ng		91
57) 2,4-Dinitrotoluene	14.698	165	16977	40.92	ng	#	85
58) Fluorene	15.345	166	53942	38.68	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.933	232	13259m	39.02	ng		
60) Diethylphthalate	15.127	149	56770	41.43	ng		98
61) 4-Chlorophenyl-phenyle...	15.339	204	27022	40.61	ng		91
62) 4-Nitroaniline	15.398	138	10530	35.20	ng		97
63) Azobenzene	15.633	77	51836	40.99	ng	#	82
65) 4,6-Dinitro-2-methylph...	15.468	198	8496	36.38	ng	#	72
66) n-Nitrosodiphenylamine	15.563	169	45038	39.70	ng		99
67) 4-Bromophenyl-phenylether	16.233	248	15090	40.55	ng	#	88
68) Hexachlorobenzene	16.345	284	16864	40.67	ng	#	91
69) Atrazine	16.521	200	13236	37.50	ng		98
70) Pentachlorophenol	16.698	266	18430	83.09	ng		98
71) Phenanthrene	17.080	178	78088	39.54	ng		99
72) Anthracene	17.168	178	80278	41.03	ng		99
73) Carbazole	17.451	167	70730	37.68	ng		99
74) Di-n-butylphthalate	18.004	149	94473	44.27	ng		100
75) Fluoranthene	19.098	202	85801	39.54	ng		98
77) Benzidine	19.298	184	35699	35.02	ng		99
78) Pyrene	19.462	202	88169	38.80	ng		100
80) Butylbenzylphthalate	20.362	149	42048	42.98	ng	#	94
81) Benzo(a)anthracene	21.203	228	84222	39.23	ng		98
82) 3,3'-Dichlorobenzidine	21.145	252	19199	25.89	ng	#	97
83) Chrysene	21.256	228	82036	39.21	ng		99
84) Bis(2-ethylhexyl)phtha...	21.133	149	63791	45.31	ng	#	97
85) Di-n-octyl phthalate	21.980	149	111156	46.54	ng	#	87
87) Indeno(1,2,3-cd)pyrene	25.485	276	96150	41.41	ng	#	92
88) Benzo(b)fluoranthene	22.721	252	88105	40.54	ng	#	97
89) Benzo(k)fluoranthene	22.762	252	79432	38.48	ng	#	98
90) Benzo(a)pyrene	23.268	252	76386	38.52	ng	#	98
91) Dibenzo(a,h)anthracene	25.491	278	82408	40.84	ng	#	94
92) Benzo(g,h,i)perylene	26.138	276	78279	40.18	ng	#	95

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

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