

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040121\
 Data File : BM029301.D
 Acq On : 01 Apr 2021 11:48
 Operator : CG/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

mohammad
 4/2/2021 12:08:45 PM

Quant Time: Apr 01 14:16:58 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 14:16:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	105931	20.00	ng	0.00
21) Naphthalene-d8	10.487	136	406710	20.00	ng	0.00
39) Acenaphthene-d10	14.339	164	239182	20.00	ng	0.00
64) Phenanthrene-d10	17.074	188	461680	20.00	ng	0.00
76) Chrysene-d12	21.251	240	434888	20.00	ng	0.00
86) Perylene-d12	23.462	264	455676	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	63380	10.31	ng	0.00
7) Phenol-d6	6.875	99	85841	9.73	ng	0.00
23) Nitrobenzene-d5	8.851	82	81622	9.74	ng	0.00
42) 2,4,6-Tribromophenol	15.822	330	20353	9.19	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	163055	9.67	ng	0.00
79) Terphenyl-d14	19.704	244	208563	9.63	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.234	88	14376	5.15	ng	96
3) Pyridine	3.652	79	32195	4.78	ng	# 95
4) n-Nitrosodimethylamine	3.558	42	13471	4.46	ng	# 92
6) Aniline	7.034	93	47126	4.93	ng	99
8) 2-Chlorophenol	7.269	128	34221	4.94	ng	96
9) Benzaldehyde	6.852	77	30451m	5.50	ng	
10) Phenol	6.904	94	42565	4.89	ng	93
11) bis(2-Chloroethyl)ether	7.134	93	33164	5.32	ng	98
12) 1,3-Dichlorobenzene	7.593	146	38421	4.95	ng	98
13) 1,4-Dichlorobenzene	7.740	146	39231	4.99	ng	97
14) 1,2-Dichlorobenzene	8.051	146	37540	4.97	ng	95
15) Benzyl Alcohol	7.946	79	31132	4.88	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.234	45	49158	5.14	ng	97
17) 2-Methylphenol	8.146	107	27121	4.84	ng	98
18) Hexachloroethane	8.775	117	14846	5.19	ng	98
19) n-Nitroso-di-n-propyla...	8.504	70	28501	5.01	ng	99
20) 3+4-Methylphenols	8.469	107	36203	4.83	ng	94
22) Acetophenone	8.522	105	49113	4.82	ng	99
24) Nitrobenzene	8.898	77	42664	4.88	ng	97
25) Isophorone	9.422	82	71769	4.99	ng	99
26) 2-Nitrophenol	9.604	139	15677	5.38	ng	88
27) 2,4-Dimethylphenol	9.669	122	26443	4.73	ng	97
28) bis(2-Chloroethoxy)met...	9.904	93	38476	5.06	ng	99
29) 2,4-Dichlorophenol	10.134	162	28802	4.74	ng	95
30) 1,2,4-Trichlorobenzene	10.351	180	33117	4.80	ng	94
31) Naphthalene	10.534	128	102616	4.79	ng	99
33) 4-Chloroaniline	10.645	127	37962	4.48	ng	95
34) Hexachlorobutadiene	10.822	225	19109	4.77	ng	98
35) Caprolactam	11.416	113	7926	4.30	ng	# 87
36) 4-Chloro-3-methylphenol	11.769	107	30444	4.69	ng	89
37) 2-Methylnaphthalene	12.151	142	69240	4.62	ng	95
38) 1-Methylnaphthalene	12.375	142	66119	4.64	ng	98
40) 1,2,4,5-Tetrachloroben...	12.522	216	31849	4.75	ng	99
41) Hexachlorocyclopentadiene	12.504	237	16768	4.56	ng	99
43) 2,4,6-Trichlorophenol	12.769	196	20837	4.78	ng	99
44) 2,4,5-Trichlorophenol	12.834	196	22704	4.68	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.169	154	88514	4.87	ng	98
47) 2-Chloronaphthalene	13.210	162	67986	4.75	ng	99
48) 2-Nitroaniline	13.416	65	19824	4.72	ng	96
49) Acenaphthylene	14.057	152	103078	4.73	ng	97
50) Dimethylphthalate	13.798	163	82181	4.92	ng	99
51) 2,6-Dinitrotoluene	13.910	165	16603	4.59	ng	96
52) Acenaphthene	14.404	154	65922	4.76	ng	96
53) 3-Nitroaniline	14.239	138	15936	4.35	ng #	96
55) Dibenzofuran	14.733	168	103172	4.74	ng	99
56) 4-Nitrophenol	14.551	139	12628	3.78	ng	94
57) 2,4-Dinitrotoluene	14.698	165	20650	4.34	ng	95
58) Fluorene	15.386	166	81013	4.59	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.963	232	16826	4.23	ng	99
60) Diethylphthalate	15.163	149	83252	5.06	ng	98
61) 4-Chlorophenyl-phenyle...	15.386	204	36896	4.53	ng	98
62) 4-Nitroaniline	15.398	138	16132	4.19	ng	99
63) Azobenzene	15.675	77	91767	4.88	ng	98
66) n-Nitrosodiphenylamine	15.598	169	70498	4.77	ng	97
67) 4-Bromophenyl-phenylether	16.274	248	21173	5.00	ng	95
68) Hexachlorobenzene	16.386	284	24754	4.97	ng	98
69) Atrazine	16.545	200	23360	5.01	ng	94
71) Phenanthrene	17.121	178	125082	4.67	ng	99
72) Anthracene	17.210	178	120798	4.64	ng	99
73) Carbazole	17.480	167	116212	4.54	ng	98
74) Di-n-butylphthalate	18.051	149	130189	5.27	ng	100
75) Fluoranthene	19.133	202	136280	4.61	ng	97
77) Benzidine	19.321	184	70447	5.61	ng	98
78) Pyrene	19.492	202	143155	4.86	ng	99
80) Butylbenzylphthalate	20.398	149	61783	6.21	ng	95
81) Benzo(a)anthracene	21.233	228	137021	4.83	ng	99
82) 3,3'-Dichlorobenzidine	21.168	252	45173	5.33	ng	94
83) Chrysene	21.286	228	134586	4.74	ng	99
84) Bis(2-ethylhexyl)phtha...	21.180	149	95017	6.65	ng	96
85) Di-n-octyl phthalate	22.045	149	166912	7.20	ng	98
87) Indeno(1,2,3-cd)pyrene	25.692	276	155053	4.65	ng	98
88) Benzo(b)fluoranthene	22.798	252	137023	4.62	ng	98
89) Benzo(k)fluoranthene	22.845	252	133423	4.63	ng	98
90) Benzo(a)pyrene	23.368	252	127114	4.73	ng	95
91) Dibenzo(a,h)anthracene	25.703	278	130113	4.56	ng	99
92) Benzo(g,h,i)perylene	26.374	276	133648	4.78	ng	100

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

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