

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012524\
 Data File : BM043898.D
 Acq On : 25 Jan 2024 11:43
 Operator : MA/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2024
 Supervised By :mohammad ahmed 01/29/2024

Quant Time: Jan 26 00:28:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 00:26:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	256434	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	1012179	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	599094	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1277617	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1214946	20.000	ng	0.00
86) Perylene-d12	23.932	264	1395760	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	138035	8.697	ng	0.00
7) Phenol-d6	7.081	99	176217	8.551	ng	0.00
23) Nitrobenzene-d5	9.086	82	154844	8.192	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	428775	9.297	ng	0.00
79) Terphenyl-d14	19.956	244	662395	9.301	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	34797	4.750	ng	97
3) Pyridine	3.793	79	78282	4.379	ng	# 92
4) n-Nitrosodimethylamine	3.716	42	37841m	4.389	ng	
6) Aniline	7.251	93	111100	4.444	ng	98
8) 2-Chlorophenol	7.481	128	69873	4.170	ng	98
9) Benzaldehyde	7.069	77	55286	5.265	ng	98
10) Phenol	7.110	94	95705	4.394	ng	99
11) bis(2-Chloroethyl)ether	7.357	93	83290	4.660	ng	99
12) 1,3-Dichlorobenzene	7.810	146	94752	4.739	ng	99
13) 1,4-Dichlorobenzene	7.957	146	96701	4.761	ng	98
14) 1,2-Dichlorobenzene	8.269	146	90879	4.671	ng	98
15) Benzyl Alcohol	8.169	79	61840	4.171	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.451	45	125705	4.576	ng	99
17) 2-Methylphenol	8.363	107	59721	4.296	ng	97
18) Hexachloroethane	8.998	117	32722	4.465	ng	99
19) n-Nitroso-di-n-propyla...	8.733	70	66024	4.511	ng	98
20) 3+4-Methylphenols	8.692	107	73573	4.000	ng	97
22) Acetophenone	8.751	105	127115	4.701	ng	# 99
24) Nitrobenzene	9.133	77	77906	4.230	ng	95
25) Isophorone	9.657	82	169249	4.559	ng	100
26) 2-Nitrophenol	9.839	139	13915	8.250	ng	99
27) 2,4-Dimethylphenol	9.904	122	49908	4.135	ng	99
28) bis(2-Chloroethoxy)met...	10.151	93	103532	4.566	ng	98
29) 2,4-Dichlorophenol	10.375	162	52299	3.750	ng	98
30) 1,2,4-Trichlorobenzene	10.586	180	81999	4.718	ng	99
31) Naphthalene	10.780	128	255663	4.700	ng	98
33) 4-Chloroaniline	10.892	127	103971	4.597	ng	98
34) Hexachlorobutadiene	11.057	225	47009	4.704	ng	99
35) Caprolactam	11.651	113	14893	3.263	ng	90
36) 4-Chloro-3-methylphenol	12.010	107	57297	3.856	ng	97
37) 2-Methylnaphthalene	12.392	142	176588	4.689	ng	100
38) 1-Methylnaphthalene	12.610	142	164050	4.683	ng	99
40) 1,2,4,5-Tetrachloroben...	12.751	216	90278	4.683	ng	99
41) Hexachlorocyclopentadiene	12.727	237	23941	3.406	ng	96
43) 2,4,6-Trichlorophenol	12.998	196	33817	3.284	ng	95
44) 2,4,5-Trichlorophenol	13.063	196	37401	3.309	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.404	154	228571	4.705	ng	98
47) 2-Chloronaphthalene	13.439	162	176048	4.712	ng	98
48) 2-Nitroaniline	13.651	65	21708	6.725	ng	98
49) Acenaphthylene	14.286	152	279564	4.575	ng	99
50) Dimethylphthalate	14.033	163	197051	4.484	ng	99
51) 2,6-Dinitrotoluene	14.151	165	21497	5.458	ng	# 77
52) Acenaphthene	14.627	154	160291	4.597	ng	97
53) 3-Nitroaniline	14.480	138	23875	5.817	ng	# 84
55) Dibenzofuran	14.968	168	260624	4.697	ng	99
57) 2,4-Dinitrotoluene	14.933	165	21064	6.549	ng	86
58) Fluorene	15.615	166	208059	4.519	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.186	232	29049	5.356	ng	95
60) Diethylphthalate	15.404	149	196042	4.383	ng	98
61) 4-Chlorophenyl-phenyle...	15.621	204	104465	4.583	ng	98
62) 4-Nitroaniline	15.633	138	27379	5.813	ng	87
63) Azobenzene	15.909	77	216832	4.603	ng	99
66) n-Nitrosodiphenylamine	15.833	169	174824	4.372	ng	99
67) 4-Bromophenyl-phenylether	16.515	248	65503	4.568	ng	97
68) Hexachlorobenzene	16.609	284	75801	4.590	ng	99
69) Atrazine	16.792	200	46196	3.712	ng	98
71) Phenanthrene	17.362	178	327996	4.586	ng	99
72) Anthracene	17.451	178	325422	4.467	ng	99
73) Carbazole	17.727	167	291947	4.344	ng	99
74) Di-n-butylphthalate	18.315	149	288597	3.734	ng	99
75) Fluoranthene	19.380	202	364238	4.462	ng	99
77) Benzidine	19.580	184	89119	3.376	ng	99
78) Pyrene	19.745	202	376792	4.536	ng	99
80) Butylbenzylphthalate	20.674	149	57050	6.864	ng	95
81) Benzo(a)anthracene	21.503	228	397506	4.628	ng	99
82) 3,3'-Dichlorobenzidine	21.444	252	94010	3.560	ng	96
83) Chrysene	21.556	228	374669	4.649	ng	100
84) Bis(2-ethylhexyl)phtha...	21.462	149	141829	5.347	ng	98
87) Indeno(1,2,3-cd)pyrene	26.432	276	443203	4.237	ng	99
88) Benzo(b)fluoranthene	23.197	252	377337	4.354	ng	99
89) Benzo(k)fluoranthene	23.244	252	384650	4.396	ng	99
90) Benzo(a)pyrene	23.821	252	341856	4.262	ng	99
91) Dibenzo(a,h)anthracene	26.468	278	362161	4.245	ng	100
92) Benzo(g,h,i)perylene	27.197	276	344249	4.331	ng	100

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

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