

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031324\
 Data File : BM044597.D
 Acq On : 13 Mar 2024 14:56
 Operator : MA/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
 Supervised By :mohammad ahmed 03/15/2024

Quant Time: Mar 14 01:51:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 01:48:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	202562	20.000	ng	0.00
21) Naphthalene-d8	10.486	136	786584	20.000	ng	0.00
39) Acenaphthene-d10	14.345	164	437813	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	856072	20.000	ng	0.00
76) Chrysene-d12	21.297	240	772257	20.000	ng	0.00
86) Perylene-d12	23.544	264	884415	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	281977	19.987	ng	0.00
7) Phenol-d6	6.875	99	355866	19.607	ng	0.00
23) Nitrobenzene-d5	8.863	82	314205	19.244	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	87993	18.222	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	646044	20.322	ng	0.00
79) Terphenyl-d14	19.745	244	875234	19.826	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	60996	10.286	ng	97
3) Pyridine	3.681	79	159346	9.711	ng	97
4) n-Nitrosodimethylamine	3.604	42	62021	9.437	ng	# 98
6) Aniline	7.039	93	205944	9.580	ng	97
8) 2-Chlorophenol	7.269	128	139511	9.928	ng	98
9) Benzaldehyde	6.863	77	102557	10.789	ng	99
10) Phenol	6.898	94	177001	9.765	ng	100
11) bis(2-Chloroethyl)ether	7.145	93	143272	9.681	ng	100
12) 1,3-Dichlorobenzene	7.587	146	153516	10.160	ng	99
13) 1,4-Dichlorobenzene	7.739	146	153719	10.094	ng	96
14) 1,2-Dichlorobenzene	8.051	146	148707	10.240	ng	97
15) Benzyl Alcohol	7.945	79	108311	9.077	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.234	45	206122m	10.045	ng	
17) 2-Methylphenol	8.139	107	116779	9.446	ng	99
18) Hexachloroethane	8.763	117	55558	9.869	ng	96
19) n-Nitroso-di-n-propyla...	8.510	70	105882	9.552	ng	100
20) 3+4-Methylphenols	8.469	107	155370	9.313	ng	98
22) Acetophenone	8.528	105	200754	9.715	ng	# 97
24) Nitrobenzene	8.904	77	156508	9.697	ng	98
25) Isophorone	9.428	82	255487	9.069	ng	98
26) 2-Nitrophenol	9.610	139	61845	8.880	ng	95
27) 2,4-Dimethylphenol	9.663	122	116938	9.548	ng	98
28) bis(2-Chloroethoxy)met...	9.916	93	179424	9.591	ng	100
29) 2,4-Dichlorophenol	10.133	162	108400	9.286	ng	97
30) 1,2,4-Trichlorobenzene	10.345	180	123416	9.938	ng	97
31) Naphthalene	10.533	128	425832	9.864	ng	99
32) Benzoic acid	9.745	122	62939	9.573	ng	96
33) 4-Chloroaniline	10.657	127	169387	9.353	ng	98
34) Hexachlorobutadiene	10.804	225	68208	9.851	ng	98
35) Caprolactam	11.433	113	30678m	8.142	ng	
36) 4-Chloro-3-methylphenol	11.774	107	116135	9.067	ng	99
37) 2-Methylnaphthalene	12.151	142	283817	9.687	ng	99
38) 1-Methylnaphthalene	12.374	142	262343	9.607	ng	98
40) 1,2,4,5-Tetrachloroben...	12.521	216	124191	9.996	ng	100
41) Hexachlorocyclopentadiene	12.486	237	66823	9.441	ng	97
43) 2,4,6-Trichlorophenol	12.769	196	77510	9.239	ng	96

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44) 2,4,5-Trichlorophenol	12.839	196	93630	9.419	ng	98
46) 1,1'-Biphenyl	13.174	154	339387	9.911	ng	100
47) 2-Chloronaphthalene	13.216	162	251400	9.929	ng	99
48) 2-Nitroaniline	13.433	65	74590	8.682	ng	96
49) Acenaphthylene	14.068	152	397724	9.642	ng	99
50) Dimethylphthalate	13.816	163	316516	9.665	ng	99
51) 2,6-Dinitrotoluene	13.939	165	62894	9.223	ng	99
52) Acenaphthene	14.410	154	241421	9.682	ng	97
53) 3-Nitroaniline	14.268	138	69143	8.659	ng	98
54) 2,4-Dinitrophenol	14.480	184	27517	10.329	ng	98
55) Dibenzofuran	14.751	168	395982	10.006	ng	98
56) 4-Nitrophenol	14.574	139	51943	7.920	ng	98
57) 2,4-Dinitrotoluene	14.727	165	77585	8.707	ng	95
58) Fluorene	15.404	166	305907	9.926	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.974	232	73526	9.527	ng	97
60) Diethylphthalate	15.186	149	316214	9.539	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	147806	9.990	ng	98
62) 4-Nitroaniline	15.439	138	67469	8.458	ng	95
63) Azobenzene	15.698	77	318422	9.292	ng	98
65) 4,6-Dinitro-2-methylph...	15.486	198	41154	7.666	ng	93
66) n-Nitrosodiphenylamine	15.621	169	256440	9.612	ng	96
67) 4-Bromophenyl-phenylether	16.304	248	85165	9.618	ng	96
68) Hexachlorobenzene	16.398	284	90958	9.663	ng	95
69) Atrazine	16.580	200	79694	9.559	ng	97
70) Pentachlorophenol	16.751	266	57763	8.531	ng	98
71) Phenanthrene	17.145	178	465499	9.840	ng	99
72) Anthracene	17.239	178	461049	9.717	ng	100
73) Carbazole	17.515	167	426945	9.554	ng	100
74) Di-n-butylphthalate	18.086	149	516047	8.962	ng	99
75) Fluoranthene	19.168	202	510128	9.646	ng	98
77) Benzidine	19.368	184	165425	8.536	ng	99
78) Pyrene	19.533	202	537549	9.497	ng	99
80) Butylbenzylphthalate	20.450	149	211948	8.309	ng	100
81) Benzo(a)anthracene	21.280	228	519229	9.663	ng	100
82) 3,3'-Dichlorobenzidine	21.227	252	169657	9.168	ng	99
83) Chrysene	21.333	228	502061	9.778	ng	98
84) Bis(2-ethylhexyl)phtha...	21.233	149	331694	8.631	ng	98
85) Di-n-octyl phthalate	22.121	149	549627	8.245	ng	98
87) Indeno(1,2,3-cd)pyrene	25.821	276	614826	9.616	ng	98
88) Benzo(b)fluoranthene	22.868	252	493889	9.502	ng	99
89) Benzo(k)fluoranthene	22.915	252	525975	9.844	ng	99
90) Benzo(a)pyrene	23.450	252	478840	9.446	ng	99
91) Dibenzo(a,h)anthracene	25.832	278	512146	9.502	ng	99
92) Benzo(g,h,i)perylene	26.509	276	506765	9.551	ng	98

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

