

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012524\
 Data File : BM043899.D
 Acq On : 25 Jan 2024 12:19
 Operator : MA/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

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

Quant Time: Jan 26 00:30:13 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	230336	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	939746	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	556976	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1175596	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1136438	20.000	ng	0.00
86) Perylene-d12	23.927	264	1307773	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	270808	18.995	ng	0.00
7) Phenol-d6	7.081	99	351272	18.978	ng	0.00
23) Nitrobenzene-d5	9.092	82	324458	18.489	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	97004	14.973	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	839638	19.583	ng	0.00
79) Terphenyl-d14	19.956	244	1323727	19.872	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	66903	10.167	ng	99
3) Pyridine	3.793	79	153848	9.581	ng	98
4) n-Nitrosodimethylamine	3.716	42	74960m	9.678	ng	
6) Aniline	7.251	93	218840	9.746	ng	99
8) 2-Chlorophenol	7.481	128	139294	9.256	ng	98
9) Benzaldehyde	7.069	77	104731	11.103	ng	99
10) Phenol	7.110	94	187581	9.587	ng	99
11) bis(2-Chloroethyl)ether	7.357	93	156997	9.779	ng	99
12) 1,3-Dichlorobenzene	7.810	146	180776	10.066	ng	99
13) 1,4-Dichlorobenzene	7.957	146	181099	9.927	ng	99
14) 1,2-Dichlorobenzene	8.269	146	176457	10.097	ng	97
15) Benzyl Alcohol	8.169	79	123923	9.305	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.451	45	245527	9.952	ng	99
17) 2-Methylphenol	8.363	107	117094	9.377	ng	98
18) Hexachloroethane	8.998	117	64115	9.740	ng	94
19) n-Nitroso-di-n-propyla...	8.734	70	127774	9.720	ng	94
20) 3+4-Methylphenols	8.693	107	151701	9.182	ng	98
22) Acetophenone	8.751	105	249222	9.928	ng	# 99
24) Nitrobenzene	9.134	77	161271	9.431	ng	97
25) Isophorone	9.657	82	337562	9.795	ng	99
26) 2-Nitrophenol	9.845	139	31013	10.776	ng	95
27) 2,4-Dimethylphenol	9.904	122	103698	9.255	ng	99
28) bis(2-Chloroethoxy)met...	10.151	93	204164	9.697	ng	99
29) 2,4-Dichlorophenol	10.369	162	111821	8.635	ng	97
30) 1,2,4-Trichlorobenzene	10.586	180	158900	9.848	ng	95
31) Naphthalene	10.775	128	504738	9.994	ng	99
32) Benzoic acid	9.969	122	23994m	9.522	ng	
33) 4-Chloroaniline	10.892	127	203493	9.691	ng	98
34) Hexachlorobutadiene	11.051	225	92608	9.981	ng	97
35) Caprolactam	11.657	113	34188	8.069	ng	98
36) 4-Chloro-3-methylphenol	12.010	107	122146	8.854	ng	100
37) 2-Methylnaphthalene	12.392	142	343122	9.813	ng	99
38) 1-Methylnaphthalene	12.610	142	321801	9.894	ng	100
40) 1,2,4,5-Tetrachloroben...	12.751	216	175577	9.797	ng	99
41) Hexachlorocyclopentadiene	12.728	237	53110	8.127	ng	93
43) 2,4,6-Trichlorophenol	12.998	196	78043	8.151	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	85832	8.169	ng	98
46) 1,1'-Biphenyl	13.404	154	445076	9.855	ng	99
47) 2-Chloronaphthalene	13.439	162	343022	9.875	ng	99
48) 2-Nitroaniline	13.651	65	53766	9.951	ng	98
49) Acenaphthylene	14.286	152	553513	9.742	ng	99
50) Dimethylphthalate	14.033	163	400221	9.796	ng	99
51) 2,6-Dinitrotoluene	14.157	165	57038	9.661	ng	98
52) Acenaphthene	14.627	154	314369	9.697	ng	98
53) 3-Nitroaniline	14.480	138	64619	9.954	ng #	98
54) 2,4-Dinitrophenol	14.686	184	11155	9.667	ng	96
55) Dibenzofuran	14.969	168	511864	9.923	ng	100
56) 4-Nitrophenol	14.774	139	42202	10.975	ng	93
57) 2,4-Dinitrotoluene	14.933	165	60415	9.856	ng	88
58) Fluorene	15.616	166	412676	9.641	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.186	232	72794	9.609	ng	99
60) Diethylphthalate	15.404	149	400579	9.634	ng	100
61) 4-Chlorophenyl-phenyle...	15.621	204	209005	9.862	ng	99
62) 4-Nitroaniline	15.639	138	65984	9.572	ng	89
63) Azobenzene	15.910	77	434924	9.930	ng	99
65) 4,6-Dinitro-2-methylph...	15.692	198	16255	10.561	ng	93
66) n-Nitrosodiphenylamine	15.833	169	355400	9.658	ng	99
67) 4-Bromophenyl-phenylether	16.516	248	128422	9.732	ng	98
68) Hexachlorobenzene	16.610	284	151063	9.942	ng	100
69) Atrazine	16.792	200	102130	8.919	ng	98
70) Pentachlorophenol	16.963	266	46923	11.247	ng	97
71) Phenanthrene	17.363	178	642610	9.764	ng	100
72) Anthracene	17.451	178	645513	9.630	ng	100
73) Carbazole	17.727	167	596134	9.640	ng	99
74) Di-n-butylphthalate	18.315	149	624346	8.780	ng	99
75) Fluoranthene	19.380	202	721790	9.609	ng	99
77) Benzidine	19.580	184	215756	8.737	ng	99
78) Pyrene	19.745	202	755985	9.729	ng	99
80) Butylbenzylphthalate	20.674	149	152045	9.919	ng	98
81) Benzo(a)anthracene	21.503	228	791579	9.853	ng	99
82) 3,3'-Dichlorobenzidine	21.445	252	214116	8.669	ng	99
83) Chrysene	21.556	228	749217	9.938	ng	100
84) Bis(2-ethylhexyl)phtha...	21.462	149	350716	9.501	ng	98
85) Di-n-octyl phthalate	22.409	149	497001	6.855	ng	97
87) Indeno(1,2,3-cd)pyrene	26.438	276	928075	9.469	ng	100
88) Benzo(b)fluoranthene	23.197	252	765847	9.432	ng	100
89) Benzo(k)fluoranthene	23.244	252	793815	9.682	ng	98
90) Benzo(a)pyrene	23.821	252	706964	9.408	ng	100
91) Dibenzo(a,h)anthracene	26.468	278	752211	9.411	ng	99
92) Benzo(g,h,i)perylene	27.197	276	710498	9.539	ng	100

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

