

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043024\
 Data File : BM045648.D
 Acq On : 30 Apr 2024 16:27
 Operator : MA/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
 Supervised By :mohammad ahmed 05/03/2024

Quant Time: May 01 06:25:05 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed May 01 06:17:41 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	16777	20.000	ng	0.00
21) Naphthalene-d8	10.287	136	61954	20.000	ng	# 0.00
39) Acenaphthene-d10	14.175	164	33485	20.000	ng	0.00
64) Phenanthrene-d10	16.939	188	66234	20.000	ng	0.00
76) Chrysene-d12	21.162	240	76083	20.000	ng	0.00
86) Perylene-d12	23.345	264	112635	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.152	112	45914	40.560	ng	0.00
7) Phenol-d6	6.710	99	53805	40.465	ng	0.00
23) Nitrobenzene-d5	8.687	82	55226	41.422	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	15516	40.374	ng	0.00
45) 2-Fluorobiphenyl	12.781	172	95480	38.881	ng	0.00
79) Terphenyl-d14	19.598	244	136992	37.694	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	8711	19.105	ng	92
3) Pyridine	3.570	79	22238	20.886	ng	93
4) n-Nitrosodimethylamine	3.487	42	13242	19.096	ng	85
6) Aniline	6.875	93	24758	20.207	ng	97
8) 2-Chlorophenol	7.087	128	22482	20.497	ng	91
9) Benzaldehyde	6.699	77	17697	21.602	ng	86
10) Phenol	6.740	94	27045	20.060	ng	92
11) bis(2-Chloroethyl)ether	6.975	93	21383	21.032	ng	94
12) 1,3-Dichlorobenzene	7.405	146	26591	20.763	ng	94
13) 1,4-Dichlorobenzene	7.557	146	26764	20.739	ng	95
14) 1,2-Dichlorobenzene	7.857	146	24418	19.736	ng	97
15) Benzyl Alcohol	7.787	79	18040	20.791	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.057	45	23387	20.768	ng	94
17) 2-Methylphenol	7.969	107	17500	20.033	ng	97
18) Hexachloroethane	8.563	117	11380	20.029	ng	93
19) n-Nitroso-di-n-propyla...	8.334	70	14855	19.592	ng	# 95
20) 3+4-Methylphenols	8.304	107	23151	20.195	ng	92
22) Acetophenone	8.352	105	32200	20.805	ng	98
24) Nitrobenzene	8.728	77	28152	20.695	ng	97
25) Isophorone	9.246	82	39896	19.876	ng	98
26) 2-Nitrophenol	9.434	139	10036	20.201	ng	96
27) 2,4-Dimethylphenol	9.493	122	13128	21.264	ng	97
28) bis(2-Chloroethoxy)met...	9.734	93	24229	20.968	ng	92
29) 2,4-Dichlorophenol	9.963	162	16104	19.295	ng	86
30) 1,2,4-Trichlorobenzene	10.151	180	19625	20.012	ng	# 97
31) Naphthalene	10.340	128	66950	21.038	ng	98
32) Benzoic acid	9.616	122	11343	18.904	ng	85
33) 4-Chloroaniline	10.487	127	21683	20.019	ng	98
34) Hexachlorobutadiene	10.598	225	11436	20.837	ng	97
35) Caprolactam	11.298	113	4531	19.913	ng	# 85
36) 4-Chloro-3-methylphenol	11.610	107	16873	19.585	ng	94
37) 2-Methylnaphthalene	11.963	142	40221	20.419	ng	97
38) 1-Methylnaphthalene	12.187	142	40033m	19.954	ng	
40) 1,2,4,5-Tetrachloroben...	12.340	216	17417	20.307	ng	98
41) Hexachlorocyclopentadiene	12.292	237	4786	19.608	ng	97
43) 2,4,6-Trichlorophenol	12.598	196	12093	21.080	ng	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.681	196	13799	21.176	ng	95
46) 1,1'-Biphenyl	13.004	154	50124	20.222	ng	99
47) 2-Chloronaphthalene	13.039	162	40504	20.522	ng	98
48) 2-Nitroaniline	13.287	65	12713	20.851	ng	96
49) Acenaphthylene	13.898	152	58184	19.993	ng	97
50) Dimethylphthalate	13.657	163	44943	19.944	ng	# 96
51) 2,6-Dinitrotoluene	13.786	165	10373	21.070	ng	92
52) Acenaphthene	14.239	154	36120	19.943	ng	99
53) 3-Nitroaniline	14.128	138	10018	19.627	ng	81
54) 2,4-Dinitrophenol	14.351	184	3867	20.155	ng	# 84
55) Dibenzofuran	14.586	168	57028	20.257	ng	97
56) 4-Nitrophenol	14.463	139	6373m	16.259	ng	
57) 2,4-Dinitrotoluene	14.592	165	13414	20.101	ng	91
58) Fluorene	15.239	166	44576	19.090	ng	# 98
59) 2,3,4,6-Tetrachlorophenol	14.822	232	10207	20.668	ng	97
60) Diethylphthalate	15.028	149	48747	19.859	ng	99
61) 4-Chlorophenyl-phenyle...	15.239	204	19752	19.368	ng	95
62) 4-Nitroaniline	15.304	138	10298	20.739	ng	93
63) Azobenzene	15.533	77	56818	20.076	ng	98
65) 4,6-Dinitro-2-methylph...	15.363	198	5777	17.877	ng	89
66) n-Nitrosodiphenylamine	15.463	169	36402	20.256	ng	98
67) 4-Bromophenyl-phenylether	16.139	248	12261	20.449	ng	92
68) Hexachlorobenzene	16.239	284	15647	20.777	ng	# 86
69) Atrazine	16.439	200	11150	20.990	ng	98
70) Pentachlorophenol	16.598	266	8378	18.623	ng	93
71) Phenanthrene	16.986	178	68436	20.678	ng	98
72) Anthracene	17.080	178	68376	20.817	ng	95
73) Carbazole	17.369	167	68842	20.519	ng	96
74) Di-n-butylphthalate	17.933	149	80189	19.962	ng	99
75) Fluoranthene	19.021	202	83011	20.454	ng	98
77) Benzidine	19.245	184	19080	14.933	ng	96
78) Pyrene	19.386	202	89598	19.939	ng	99
80) Butylbenzylphthalate	20.310	149	39932	19.308	ng	98
81) Benzo(a)anthracene	21.145	228	92182	19.628	ng	98
82) 3,3'-Dichlorobenzidine	21.098	252	34177	19.215	ng	96
83) Chrysene	21.204	228	92218	20.096	ng	98
84) Bis(2-ethylhexyl)phtha...	21.092	149	59599	18.850	ng	97
85) Di-n-octyl phthalate	21.962	149	106616	19.185	ng	100
87) Indeno(1,2,3-cd)pyrene	25.515	276	168635	19.627	ng	99
88) Benzo(b)fluoranthene	22.698	252	118366	19.355	ng	98
89) Benzo(k)fluoranthene	22.739	252	118361	20.219	ng	98
90) Benzo(a)pyrene	23.251	252	111472	20.142	ng	98
91) Dibenzo(a,h)anthracene	25.533	278	138299	19.428	ng	99
92) Benzo(g,h,i)perylene	26.180	276	148171	20.478	ng	97

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

