

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062724\
 Data File : BM046337.D
 Acq On : 27 Jun 2024 18:13
 Operator : MA/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2024

Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 28 02:54:20 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 28 02:47:37 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	143987	20.000	ng	0.00
21) Naphthalene-d8	10.133	136	664947	20.000	ng	0.00
39) Acenaphthene-d10	14.021	164	436864	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	908104	20.000	ng	0.00
76) Chrysene-d12	20.997	240	898139	20.000	ng	0.00
86) Perylene-d12	23.674	264	999987	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.051	112	362403	40.457	ng	0.00
7) Phenol-d6	6.628	99	532615	41.855	ng	0.00
23) Nitrobenzene-d5	8.539	82	650528	40.557	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	226230	42.582	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	1276317	39.598	ng	0.00
79) Terphenyl-d14	19.427	244	2152041	39.644	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	66466	19.245	ng	98
3) Pyridine	3.422	79	204450	21.209	ng	99
4) n-Nitrosodimethylamine	3.340	42	157669	21.093	ng	# 100
6) Aniline	6.745	93	246232	21.307	ng	99
8) 2-Chlorophenol	6.963	128	204028	20.444	ng	97
9) Benzaldehyde	6.551	77	172255	19.457	ng	99
10) Phenol	6.657	94	259228	20.580	ng	99
11) bis(2-Chloroethyl)ether	6.834	93	205409	20.087	ng	98
12) 1,3-Dichlorobenzene	7.263	146	226478	20.469	ng	97
13) 1,4-Dichlorobenzene	7.404	146	230006	20.202	ng	100
14) 1,2-Dichlorobenzene	7.722	146	228854	20.387	ng	98
15) Benzyl Alcohol	7.657	79	217789	20.819	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.922	45	364186	20.927	ng	98
17) 2-Methylphenol	7.875	107	181739	20.696	ng	99
18) Hexachloroethane	8.428	117	104153	20.307	ng	98
19) n-Nitroso-di-n-propyla...	8.198	70	212504	21.997	ng	100
20) 3+4-Methylphenols	8.204	107	266036	20.890	ng	96
22) Acetophenone	8.210	105	375575	20.221	ng	97
24) Nitrobenzene	8.581	77	320173	20.320	ng	99
25) Isophorone	9.104	82	562421	20.678	ng	99
26) 2-Nitrophenol	9.281	139	114453	20.295	ng	99
27) 2,4-Dimethylphenol	9.381	122	145739	20.613	ng	99
28) bis(2-Chloroethoxy)met...	9.586	93	308709	20.543	ng	98
29) 2,4-Dichlorophenol	9.828	162	196845	20.616	ng	97
30) 1,2,4-Trichlorobenzene	9.998	180	217049	20.075	ng	96
31) Naphthalene	10.181	128	734560	20.157	ng	99
32) Benzoic acid	9.604	122	162092	20.626	ng	97
33) 4-Chloroaniline	10.351	127	266875	20.907	ng	100
34) Hexachlorobutadiene	10.469	225	134216	20.136	ng	99
35) Caprolactam	11.163	113	75862	21.703	ng	97
36) 4-Chloro-3-methylphenol	11.492	107	245959	20.704	ng	99
37) 2-Methylnaphthalene	11.804	142	496585	20.206	ng	100
38) 1-Methylnaphthalene	12.027	142	491836	20.240	ng	99
40) 1,2,4,5-Tetrachloroben...	12.186	216	232267	19.929	ng	99
41) Hexachlorocyclopentadiene	12.163	237	89611	19.621	ng	94
43) 2,4,6-Trichlorophenol	12.457	196	158803	20.515	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.545	196	175807	19.710	ng	99
46) 1,1'-Biphenyl	12.851	154	649486	19.858	ng	98
47) 2-Chloronaphthalene	12.880	162	512862	20.201	ng	99
48) 2-Nitroaniline	13.133	65	210113	20.847	ng	98
49) Acenaphthylene	13.739	152	784878	20.053	ng	99
50) Dimethylphthalate	13.522	163	648348	20.302	ng	99
51) 2,6-Dinitrotoluene	13.633	165	145869	20.511	ng	99
52) Acenaphthene	14.086	154	489142	20.106	ng	98
53) 3-Nitroaniline	13.980	138	149539	20.811	ng	98
54) 2,4-Dinitrophenol	14.180	184	71520	20.752	ng	99
55) Dibenzofuran	14.427	168	785183	20.142	ng	99
56) 4-Nitrophenol	14.351	139	109827	21.254	ng	100
57) 2,4-Dinitrotoluene	14.433	165	213466	20.741	ng	97
58) Fluorene	15.080	166	669713	20.085	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.680	232	154001	20.484	ng	99
60) Diethylphthalate	14.892	149	714589	20.341	ng	99
61) 4-Chlorophenyl-phenyle...	15.086	204	306654	19.757	ng	97
62) 4-Nitroaniline	15.168	138	150264	21.412	ng	97
63) Azobenzene	15.380	77	876259	20.931	ng	99
65) 4,6-Dinitro-2-methylph...	15.198	198	105031	20.600	ng	99
66) n-Nitrosodiphenylamine	15.310	169	521918	19.787	ng	98
67) 4-Bromophenyl-phenylether	15.980	248	186275	20.089	ng	97
68) Hexachlorobenzene	16.086	284	220459	20.138	ng	99
69) Atrazine	16.286	200	170285	23.356	ng	99
70) Pentachlorophenol	16.451	266	144294	20.956	ng	93
71) Phenanthrene	16.815	178	968206	20.036	ng	99
72) Anthracene	16.910	178	949088	20.191	ng	100
73) Carbazole	17.204	167	948546	20.494	ng	99
74) Di-n-butylphthalate	17.768	149	1280423	20.591	ng	100
75) Fluoranthene	18.845	202	1177247	20.616	ng	100
77) Benzidine	19.074	184	140651m	15.111	ng	
78) Pyrene	19.209	202	1238749	19.856	ng	99
80) Butylbenzylphthalate	20.139	149	595381	20.283	ng	97
81) Benzo(a)anthracene	20.980	228	1185782	20.126	ng	99
82) 3,3'-Dichlorobenzidine	20.933	252	400753	21.206	ng	100
83) Chrysene	21.039	228	1137048	20.179	ng	100
84) Bis(2-ethylhexyl)phtha...	20.927	149	932948	20.099	ng	99
85) Di-n-octyl phthalate	21.939	149	1519793	20.481	ng	98
87) Indeno(1,2,3-cd)pyrene	26.627	276	1256615	19.593	ng	# 73
88) Benzo(b)fluoranthene	22.839	252	1229824	20.764	ng	99
89) Benzo(k)fluoranthene	22.897	252	1191829	20.228	ng	98
90) Benzo(a)pyrene	23.550	252	1049049	20.165	ng	99
91) Dibenzo(a,h)anthracene	26.668	278	1039508	19.411	ng	98
92) Benzo(g,h,i)perylene	27.544	276	1023775	19.301	ng	98

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

