

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050224\
 Data File : BM045666.D
 Acq On : 02 May 2024 11:26
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/03/2024
 Supervised By :mohammad ahmed 05/03/2024

Quant Time: May 02 15:22:37 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	7.516	152	18540	20.000	ng	0.00
21) Naphthalene-d8	10.280	136	68099	20.000	ng	# 0.00
39) Acenaphthene-d10	14.168	164	36897	20.000	ng	0.00
64) Phenanthrene-d10	16.939	188	69332	20.000	ng	0.00
76) Chrysene-d12	21.162	240	77286	20.000	ng	0.00
86) Perylene-d12	23.344	264	114305	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.145	112	99603	79.622	ng	0.00
7) Phenol-d6	6.710	99	117203	79.763	ng	0.00
23) Nitrobenzene-d5	8.681	82	121293	82.766	ng	0.00
42) 2,4,6-Tribromophenol	15.680	330	32295	76.264	ng	0.00
45) 2-Fluorobiphenyl	12.780	172	201663	74.526	ng	0.00
79) Terphenyl-d14	19.598	244	287068	77.758	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.169	88	18542	36.800	ng	98
3) Pyridine	3.551	79	52377	44.515	ng	95
4) n-Nitrosodimethylamine	3.481	42	32470	42.372	ng	# 96
6) Aniline	6.869	93	54959	40.591	ng	92
8) 2-Chlorophenol	7.087	128	49165	40.562	ng	97
9) Benzaldehyde	6.692	77	36389	40.196	ng	98
10) Phenol	6.734	94	58300	39.131	ng	98
11) bis(2-Chloroethyl)ether	6.969	93	46011	40.951	ng	97
12) 1,3-Dichlorobenzene	7.398	146	56748	40.097	ng	94
13) 1,4-Dichlorobenzene	7.551	146	54650	38.320	ng	97
14) 1,2-Dichlorobenzene	7.857	146	52682	38.532	ng	97
15) Benzyl Alcohol	7.775	79	38833	40.500	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.039	45	49551	39.818	ng	97
17) 2-Methylphenol	7.963	107	37322	38.661	ng	97
18) Hexachloroethane	8.557	117	25511	40.630	ng	97
19) n-Nitroso-di-n-propyla...	8.328	70	33793	40.332	ng	95
20) 3+4-Methylphenols	8.292	107	50882	40.165	ng	96
22) Acetophenone	8.345	105	69551	40.883	ng	98
24) Nitrobenzene	8.722	77	62419	41.745	ng	98
25) Isophorone	9.239	82	88728	40.216	ng	98
26) 2-Nitrophenol	9.422	139	23262	38.960	ng	# 91
27) 2,4-Dimethylphenol	9.480	122	27811	40.983	ng	# 91
28) bis(2-Chloroethoxy)met...	9.728	93	53101	41.808	ng	98
29) 2,4-Dichlorophenol	9.951	162	38103	41.534	ng	96
30) 1,2,4-Trichlorobenzene	10.145	180	42183	39.134	ng	96
31) Naphthalene	10.333	128	137478	39.301	ng	98
32) Benzoic acid	9.639	122	29253m	37.544	ng	
33) 4-Chloroaniline	10.475	127	47076	39.541	ng	98
34) Hexachlorobutadiene	10.586	225	25091	41.592	ng	85
35) Caprolactam	11.280	113	11413m	38.712	ng	
36) 4-Chloro-3-methylphenol	11.598	107	37242	39.327	ng	95
37) 2-Methylnaphthalene	11.957	142	86564	39.980	ng	97
38) 1-Methylnaphthalene	11.957	142	86564	39.253	ng	95
40) 1,2,4,5-Tetrachloroben...	12.327	216	37413	39.587	ng	99
41) Hexachlorocyclopentadiene	12.286	237	11784	38.440	ng	99
43) 2,4,6-Trichlorophenol	12.592	196	25413	40.201	ng	95

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44) 2,4,5-Trichlorophenol	12.669	196	28294	39.405	ng	94
46) 1,1'-Biphenyl	12.998	154	103802	38.004	ng	98
47) 2-Chloronaphthalene	13.033	162	83963	38.608	ng	99
48) 2-Nitroaniline	13.274	65	28415	42.294	ng	94
49) Acenaphthylene	13.892	152	123144	38.401	ng	99
50) Dimethylphthalate	13.651	163	97122	39.114	ng	96
51) 2,6-Dinitrotoluene	13.786	165	21603	39.822	ng	92
52) Acenaphthene	14.239	154	74149	37.153	ng	96
53) 3-Nitroaniline	14.121	138	22970	37.274	ng	# 94
54) 2,4-Dinitrophenol	14.345	184	9740	36.127	ng	94
55) Dibenzofuran	14.580	168	114619	36.948	ng	97
56) 4-Nitrophenol	14.445	139	16845	39.002	ng	88
57) 2,4-Dinitrotoluene	14.586	165	28340	38.540	ng	# 81
58) Fluorene	15.233	166	93791	36.453	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.810	232	21415	39.352	ng	# 98
60) Diethylphthalate	15.027	149	98861	36.550	ng	98
61) 4-Chlorophenyl-phenyle...	15.233	204	40983	36.470	ng	98
62) 4-Nitroaniline	15.292	138	21827	36.048	ng	86
63) Azobenzene	15.533	77	124985	40.078	ng	98
65) 4,6-Dinitro-2-methylph...	15.351	198	14604	43.172	ng	97
66) n-Nitrosodiphenylamine	15.462	169	75515	40.142	ng	98
67) 4-Bromophenyl-phenylether	16.133	248	24015	38.263	ng	97
68) Hexachlorobenzene	16.233	284	31727	40.246	ng	92
69) Atrazine	16.427	200	20813	37.429	ng	96
70) Pentachlorophenol	16.592	266	18730	39.774	ng	94
71) Phenanthrene	16.980	178	135686	39.167	ng	99
72) Anthracene	17.074	178	135917	39.530	ng	98
73) Carbazole	17.362	167	141759	40.364	ng	98
74) Di-n-butylphthalate	17.927	149	167964	39.944	ng	99
75) Fluoranthene	19.015	202	165213	38.890	ng	99
77) Benzidine	19.233	184	66211	51.013	ng	94
78) Pyrene	19.380	202	180632	39.572	ng	100
80) Butylbenzylphthalate	20.309	149	83052	39.533	ng	100
81) Benzo(a)anthracene	21.144	228	179626	37.651	ng	98
82) 3,3'-Dichlorobenzidine	21.092	252	69649	38.549	ng	98
83) Chrysene	21.197	228	177943	38.174	ng	97
84) Bis(2-ethylhexyl)phtha...	21.092	149	124454	38.750	ng	100
85) Di-n-octyl phthalate	21.962	149	220621	39.081	ng	98
87) Indeno(1,2,3-cd)pyrene	25.509	276	340168	39.012	ng	99
88) Benzo(b)fluoranthene	22.691	252	242017	38.995	ng	99
89) Benzo(k)fluoranthene	22.733	252	217458	36.604	ng	97
90) Benzo(a)pyrene	23.244	252	221549	39.448	ng	99
91) Dibenzo(a,h)anthracene	25.527	278	280663	38.851	ng	99
92) Benzo(g,h,i)perylene	26.174	276	294199	40.065	ng	100

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

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