

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050224\
 Data File : BM045669.D
 Acq On : 02 May 2024 14:04
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

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

Quant Time: May 02 15:23:52 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	23000	20.000	ng	0.00
21) Naphthalene-d8	10.281	136	87781	20.000	ng	# 0.00
39) Acenaphthene-d10	14.174	164	46164	20.000	ng	0.00
64) Phenanthrene-d10	16.939	188	88548	20.000	ng	0.00
76) Chrysene-d12	21.162	240	100610	20.000	ng	0.00
86) Perylene-d12	23.344	264	145839	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.146	112	132769	85.554	ng	0.00
7) Phenol-d6	6.710	99	157128	86.198	ng	0.00
23) Nitrobenzene-d5	8.681	82	161410	85.445	ng	0.00
42) 2,4,6-Tribromophenol	15.686	330	42239	79.723	ng	0.00
45) 2-Fluorobiphenyl	12.780	172	269447	79.587	ng	0.00
79) Terphenyl-d14	19.598	244	419384	87.264	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.169	88	25304	40.482	ng	99
3) Pyridine	3.552	79	56649	38.809	ng	94
4) n-Nitrosodimethylamine	3.481	42	44016	46.300	ng	# 96
6) Aniline	6.869	93	69919	41.626	ng	93
8) 2-Chlorophenol	7.087	128	63281	42.084	ng	96
9) Benzaldehyde	6.693	77	45444	40.464	ng	97
10) Phenol	6.734	94	77349	41.849	ng	98
11) bis(2-Chloroethyl)ether	6.975	93	57223	41.054	ng	95
12) 1,3-Dichlorobenzene	7.404	146	73016	41.588	ng	99
13) 1,4-Dichlorobenzene	7.551	146	72743	41.116	ng	96
14) 1,2-Dichlorobenzene	7.857	146	69521	40.988	ng	95
15) Benzyl Alcohol	7.775	79	49606	41.703	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.051	45	63424	41.083	ng	97
17) 2-Methylphenol	7.969	107	49663	41.469	ng	97
18) Hexachloroethane	8.557	117	32320	41.493	ng	91
19) n-Nitroso-di-n-propyla...	8.328	70	44081	42.408	ng	# 96
20) 3+4-Methylphenols	8.298	107	66298	42.185	ng	94
22) Acetophenone	8.345	105	90233	41.147	ng	96
24) Nitrobenzene	8.722	77	79251	41.119	ng	98
25) Isophorone	9.239	82	116626	41.009	ng	99
26) 2-Nitrophenol	9.422	139	29742	38.670	ng	93
27) 2,4-Dimethylphenol	9.481	122	36186	41.368	ng	96
28) bis(2-Chloroethoxy)met...	9.728	93	67763	41.389	ng	# 96
29) 2,4-Dichlorophenol	9.951	162	50177	42.431	ng	95
30) 1,2,4-Trichlorobenzene	10.145	180	55569	39.994	ng	96
31) Naphthalene	10.333	128	179056	39.710	ng	99
32) Benzoic acid	9.657	122	41186m	40.541	ng	
33) 4-Chloroaniline	10.475	127	64025	41.719	ng	98
34) Hexachlorobutadiene	10.592	225	31008	39.875	ng	97
35) Caprolactam	11.286	113	14096	37.316	ng	# 76
36) 4-Chloro-3-methylphenol	11.598	107	48100	39.404	ng	95
37) 2-Methylnaphthalene	11.957	142	112123	40.173	ng	98
38) 1-Methylnaphthalene	12.180	142	110069	38.721	ng	95
40) 1,2,4,5-Tetrachloroben...	12.327	216	48026	40.616	ng	98
41) Hexachlorocyclopentadiene	12.286	237	15057	39.164	ng	89
43) 2,4,6-Trichlorophenol	12.592	196	33365	42.186	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.669	196	37643	41.901	ng	93
46) 1,1'-Biphenyl	12.998	154	134871	39.467	ng	98
47) 2-Chloronaphthalene	13.033	162	107032	39.336	ng	98
48) 2-Nitroaniline	13.274	65	35953	42.772	ng	98
49) Acenaphthylene	13.892	152	160977	40.122	ng	99
50) Dimethylphthalate	13.657	163	123922	39.888	ng	97
51) 2,6-Dinitrotoluene	13.786	165	28044	41.318	ng	93
52) Acenaphthene	14.239	154	97189	38.922	ng	97
53) 3-Nitroaniline	14.121	138	30591	39.463	ng	95
54) 2,4-Dinitrophenol	14.345	184	13347	38.831	ng	91
55) Dibenzofuran	14.580	168	152727	39.350	ng	100
56) 4-Nitrophenol	14.445	139	23373	43.253	ng	93
57) 2,4-Dinitrotoluene	14.586	165	37962	41.262	ng	# 88
58) Fluorene	15.233	166	125239	38.904	ng	# 95
59) 2,3,4,6-Tetrachlorophenol	14.816	232	26580	39.038	ng	94
60) Diethylphthalate	15.027	149	127498	37.675	ng	96
61) 4-Chlorophenyl-phenyle...	15.239	204	53267	37.886	ng	95
62) 4-Nitroaniline	15.298	138	29814	38.973	ng	96
63) Azobenzene	15.533	77	158970	40.743	ng	98
65) 4,6-Dinitro-2-methylph...	15.351	198	18988	43.950	ng	96
66) n-Nitrosodiphenylamine	15.463	169	95839	39.890	ng	97
67) 4-Bromophenyl-phenylether	16.133	248	31454	39.240	ng	98
68) Hexachlorobenzene	16.233	284	40945	40.668	ng	91
69) Atrazine	16.433	200	25865	36.420	ng	89
70) Pentachlorophenol	16.592	266	24886	41.378	ng	91
71) Phenanthrene	16.980	178	173514	39.217	ng	99
72) Anthracene	17.074	178	174015	39.628	ng	98
73) Carbazole	17.362	167	180889	40.329	ng	98
74) Di-n-butylphthalate	17.927	149	222599	41.449	ng	99
75) Fluoranthene	19.015	202	215288	39.680	ng	99
77) Benzidine	19.233	184	144134	85.305	ng	99
78) Pyrene	19.380	202	240641	40.497	ng	98
80) Butylbenzylphthalate	20.309	149	114657	41.925	ng	99
81) Benzo(a)anthracene	21.150	228	242442	39.037	ng	98
82) 3,3'-Dichlorobenzidine	21.097	252	94372	40.124	ng	100
83) Chrysene	21.203	228	234642	38.668	ng	99
84) Bis(2-ethylhexyl)phtha...	21.092	149	178303	42.646	ng	100
85) Di-n-octyl phthalate	21.968	149	298329	40.595	ng	98
87) Indeno(1,2,3-cd)pyrene	25.527	276	438747	39.438	ng	98
88) Benzo(b)fluoranthene	22.697	252	316672	39.992	ng	99
89) Benzo(k)fluoranthene	22.739	252	288831m	38.106	ng	
90) Benzo(a)pyrene	23.250	252	282799	39.466	ng	98
91) Dibenzo(a,h)anthracene	25.532	278	359694	39.025	ng	98
92) Benzo(g,h,i)perylene	26.185	276	372808	39.793	ng	99

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

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