

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010522\
 Data File : BM033645.D
 Acq On : 05 Jan 2022 14:55
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/06/2022
 Supervised By : Jagrut Upadhyay 01/06/2022

Quant Time: Jan 05 16:35:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 15:08:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.989	152	195525	20.000	ng	0.00
21) Naphthalene-d8	10.807	136	753101	20.000	ng	0.00
39) Acenaphthene-d10	14.624	164	420994	20.000	ng	0.00
64) Phenanthrene-d10	17.359	188	745934	20.000	ng	0.00
76) Chrysene-d12	21.524	240	662050	20.000	ng	0.00
86) Perylene-d12	23.953	264	698554	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	1343557	118.276	ng	0.00
7) Phenol-d6	7.142	99	1797875	113.049	ng	0.00
23) Nitrobenzene-d5	9.154	82	1829008	100.875	ng	0.00
42) 2,4,6-Tribromophenol	16.107	330	515997	99.539	ng	0.00
45) 2-Fluorobiphenyl	13.260	172	3620005	121.231	ng	0.00
79) Terphenyl-d14	19.977	244	4069816	102.251	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.360	88	286091	60.345	ng	Qvalue 96
3) Pyridine	3.772	79	783421m	65.426	ng	
4) n-Nitrosodimethylamine	3.678	42	391845	43.826	ng	# 76
6) Aniline	7.307	93	1021004	56.246	ng	97
8) 2-Chlorophenol	7.548	128	736557	58.835	ng	90
10) Phenol	7.172	94	902018	57.135	ng	93
11) bis(2-Chloroethyl)ether	7.407	93	711914	59.142	ng	96
12) 1,3-Dichlorobenzene	7.878	146	819229	55.471	ng	97
13) 1,4-Dichlorobenzene	8.025	146	834662	55.595	ng	99
14) 1,2-Dichlorobenzene	8.348	146	808145	54.715	ng	98
15) Benzyl Alcohol	8.225	79	745243	49.748	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.531	45	1048291	49.270	ng	98
17) 2-Methylphenol	8.431	107	629670	54.855	ng	96
18) Hexachloroethane	9.083	117	321451	52.347	ng	96
19) n-Nitroso-di-n-propyla...	8.807	70	592323	47.814	ng	92
20) 3+4-Methylphenols	8.766	107	863452	54.865	ng	94
22) Acetophenone	8.813	105	1120718	54.324	ng	# 94
24) Nitrobenzene	9.195	77	859981	49.626	ng	94
25) Isophorone	9.730	82	1484459	51.947	ng	98
26) 2-Nitrophenol	9.913	139	388145	58.636	ng	88
27) 2,4-Dimethylphenol	9.972	122	600710	58.778	ng	96
28) bis(2-Chloroethoxy)met...	10.213	93	953954	59.573	ng	98
29) 2,4-Dichlorophenol	10.448	162	677482	56.871	ng	98
30) 1,2,4-Trichlorobenzene	10.672	180	746395	53.172	ng	98
31) Naphthalene	10.860	128	2287558	56.588	ng	100
32) Benzoic acid	10.125	122	466458	56.030	ng	88
33) 4-Chloroaniline	10.960	127	896820	58.378	ng	95
34) Hexachlorobutadiene	11.154	225	496897	51.470	ng	97
35) Caprolactam	11.748	113	183840	73.743	ng	# 82
36) 4-Chloro-3-methylphenol	12.083	107	758319	49.457	ng	99
37) 2-Methylnaphthalene	12.466	142	1523756	52.616	ng	99
38) 1-Methylnaphthalene	12.683	142	1475247	50.974	ng	100
40) 1,2,4,5-Tetrachloroben...	12.830	216	764716	63.218	ng	99
41) Hexachlorocyclopentadiene	12.818	237	512989	76.302	ng	99
43) 2,4,6-Trichlorophenol	13.066	196	503732	59.171	ng	96
44) 2,4,5-Trichlorophenol	13.136	196	524923	58.081	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.466	154	1945574	62.979	ng	99
47) 2-Chloronaphthalene	13.507	162	1465365	61.143	ng	97
48) 2-Nitroaniline	13.701	65	473543	51.723	ng	88
49) Acenaphthylene	14.348	152	2273514	59.231	ng	99
50) Dimethylphthalate	14.083	163	1802991	55.557	ng	99
51) 2,6-Dinitrotoluene	14.195	165	361664	55.827	ng	98
52) Acenaphthene	14.689	154	1482263	64.280	ng	99
53) 3-Nitroaniline	14.518	138	391054	61.467	ng	96
54) 2,4-Dinitrophenol	14.718	184	186858	46.346	ng	89
55) Dibenzofuran	15.024	168	2163699	54.796	ng	96
56) 4-Nitrophenol	14.818	139	310984	63.321	ng	90
57) 2,4-Dinitrotoluene	14.977	165	475786	52.616	ng	88
58) Fluorene	15.671	166	1644115	51.652	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.242	232	439874	53.023	ng	99
60) Diethylphthalate	15.448	149	1871613	53.451	ng	99
61) 4-Chlorophenyl-phenyle...	15.665	204	863523	51.463	ng	94
62) 4-Nitroaniline	15.677	138	381958	58.267	ng	94
63) Azobenzene	15.954	77	1830829	47.380	ng	96
65) 4,6-Dinitro-2-methylph...	15.736	198	265951	53.422	ng	91
66) n-Nitrosodiphenylamine	15.871	169	1426504	64.477	ng	98
67) 4-Bromophenyl-phenylether	16.554	248	471513	58.569	ng	93
68) Hexachlorobenzene	16.671	284	532963	61.369	ng	99
69) Atrazine	16.824	200	497782	100.172	ng	98
70) Pentachlorophenol	17.012	266	343801	64.840	ng	99
71) Phenanthrene	17.406	178	2387343	58.011	ng	99
72) Anthracene	17.495	178	2355209	58.184	ng	99
73) Carbazole	17.759	167	2230503	57.433	ng	99
74) Di-n-butylphthalate	18.330	149	2937109	61.108	ng	100
75) Fluoranthene	19.412	202	2546629	54.101	ng	99
77) Benzidine	19.583	184	1151123	157.590	ng	100
78) Pyrene	19.771	202	2582797	52.519	ng	98
80) Butylbenzylphthalate	20.665	149	1215330	56.656	ng	96
81) Benzo(a)anthracene	21.506	228	2510879	55.668	ng	98
82) 3,3'-Dichlorobenzidine	21.436	252	922588	45.541	ng	99
83) Chrysene	21.565	228	2402206	55.534	ng	99
84) Bis(2-ethylhexyl)phtha...	21.441	149	1798154	60.770	ng	100
85) Di-n-octyl phthalate	22.383	149	3021645	62.451	ng	# 94
87) Indeno(1,2,3-cd)pyrene	26.506	276	2937675	59.378	ng	98
88) Benzo(b)fluoranthene	23.218	252	2525265	56.439	ng	99
89) Benzo(k)fluoranthene	23.265	252	2419957	54.268	ng	99
90) Benzo(a)pyrene	23.853	252	2099107	55.726	ng	99
91) Dibenzo(a,h)anthracene	26.529	278	2427007	58.108	ng	96
92) Benzo(g,h,i)perylene	27.294	276	2393481	58.189	ng	97

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

