

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032923\
 Data File : BM039201.D
 Acq On : 29 Mar 2023 12:20
 Operator : CG/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/30/2023
 Supervised By : Jagrut Upadhyay 03/30/2023

Quant Time: Mar 30 04:45:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 30 04:40:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	202590	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	813345	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	479692	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1018406	20.000	ng	0.00
76) Chrysene-d12	21.503	240	950969	20.000	ng	0.00
86) Perylene-d12	23.921	264	1076815	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	144877	10.774	ng	0.00
7) Phenol-d6	7.092	99	185116	10.643	ng	0.00
23) Nitrobenzene-d5	9.092	82	170543	10.191	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	59769	9.816	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	373657	10.554	ng	0.00
79) Terphenyl-d14	19.939	244	552847	10.741	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.357	88	30542	5.557	ng	96
3) Pyridine	3.769	79	79225	5.211	ng	99
4) n-Nitrosodimethylamine	3.675	42	33113	5.476	ng	# 86
6) Aniline	7.251	93	113950	5.294	ng	98
8) 2-Chlorophenol	7.492	128	74926	5.444	ng	98
10) Phenol	7.122	94	92723	5.320	ng	98
11) bis(2-Chloroethyl)ether	7.351	93	75613	5.393	ng	99
12) 1,3-Dichlorobenzene	7.816	146	80902	5.543	ng	98
13) 1,4-Dichlorobenzene	7.963	146	81162	5.499	ng	97
14) 1,2-Dichlorobenzene	8.281	146	77121	5.465	ng	97
15) Benzyl Alcohol	8.175	79	60870	5.088	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.463	45	97469	5.432	ng	97
17) 2-Methylphenol	8.381	107	64924	5.324	ng	98
18) Hexachloroethane	9.010	117	31766	5.564	ng	98
19) n-Nitroso-di-n-propyla...	8.739	70	59526	5.354	ng	99
20) 3+4-Methylphenols	8.710	107	84521	5.158	ng	99
22) Acetophenone	8.757	105	114642	5.272	ng	# 99
24) Nitrobenzene	9.139	77	85094	5.112	ng	99
25) Isophorone	9.663	82	159679	5.115	ng	100
26) 2-Nitrophenol	9.851	139	36947	4.802	ng	99
27) 2,4-Dimethylphenol	9.916	122	63887	4.997	ng	98
28) bis(2-Chloroethoxy)met...	10.151	93	98544	5.214	ng	99
29) 2,4-Dichlorophenol	10.392	162	60793	4.874	ng	100
30) 1,2,4-Trichlorobenzene	10.604	180	70326	5.270	ng	98
31) Naphthalene	10.792	128	230605	5.262	ng	100
33) 4-Chloroaniline	10.910	127	97093	5.057	ng	98
34) Hexachlorobutadiene	11.069	225	41609	5.303	ng	97
35) Caprolactam	11.680	113	20854	4.815	ng	98
36) 4-Chloro-3-methylphenol	12.033	107	67665	4.917	ng	96
37) 2-Methylnaphthalene	12.398	142	160299	5.254	ng	98
38) 1-Methylnaphthalene	12.616	142	150258	5.260	ng	98
40) 1,2,4,5-Tetrachloroben...	12.769	216	75578	5.175	ng	99
41) Hexachlorocyclopentadiene	12.745	237	33429	4.190	ng	95
43) 2,4,6-Trichlorophenol	13.010	196	47767	4.796	ng	99
44) 2,4,5-Trichlorophenol	13.086	196	56108	4.805	ng	98
46) 1,1'-Biphenyl	13.410	154	198321	5.235	ng	99

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47) 2-Chloronaphthalene	13.451	162	148259	5.169	ng	99
48) 2-Nitroaniline	13.657	65	45723	4.737	ng	94
49) Acenaphthylene	14.298	152	241290	5.119	ng	99
50) Dimethylphthalate	14.027	163	192652	5.211	ng	100
51) 2,6-Dinitrotoluene	14.151	165	38275	4.815	ng	92
52) Acenaphthene	14.639	154	145638	5.232	ng	98
53) 3-Nitroaniline	14.486	138	42495	4.624	ng	93
55) Dibenzofuran	14.968	168	237005	5.289	ng	100
56) 4-Nitrophenol	14.804	139	29838m	4.225	ng	
57) 2,4-Dinitrotoluene	14.939	165	49159	4.571	ng	90
58) Fluorene	15.621	166	187842	5.293	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.204	232	45488	4.897	ng	98
60) Diethylphthalate	15.392	149	194210	5.219	ng	98
61) 4-Chlorophenyl-phenyle...	15.615	204	92908	5.283	ng	100
62) 4-Nitroaniline	15.645	138	41512	4.402	ng	94
63) Azobenzene	15.904	77	187929	5.041	ng	98
66) n-Nitrosodiphenylamine	15.827	169	160827	5.011	ng	97
67) 4-Bromophenyl-phenylether	16.509	248	54556	5.016	ng	97
68) Hexachlorobenzene	16.621	284	61703	5.232	ng	98
69) Atrazine	16.780	200	50837	5.002	ng	99
70) Pentachlorophenol	16.974	266	35688	4.218	ng	97
71) Phenanthrene	17.362	178	294680	5.283	ng	99
72) Anthracene	17.456	178	289151	5.084	ng	98
73) Carbazole	17.727	167	270822	5.096	ng	99
74) Di-n-butylphthalate	18.286	149	326778	4.971	ng	100
75) Fluoranthene	19.380	202	332323	5.227	ng	99
77) Benzidine	19.568	184	118543	4.726	ng	100
78) Pyrene	19.739	202	350945	5.184	ng	99
80) Butylbenzylphthalate	20.639	149	154119	4.969	ng	100
81) Benzo(a)anthracene	21.486	228	350296	5.223	ng	99
82) 3,3'-Dichlorobenzidine	21.421	252	114352	5.118	ng	100
83) Chrysene	21.539	228	339747	5.247	ng	98
84) Bis(2-ethylhexyl)phtha...	21.409	149	235391	5.139	ng	99
85) Di-n-octyl phthalate	22.338	149	426268	5.165	ng	99
87) Indeno(1,2,3-cd)pyrene	26.432	276	407680	5.138	ng	100
88) Benzo(b)fluoranthene	23.180	252	335673	5.095	ng	100
89) Benzo(k)fluoranthene	23.233	252	355627	5.299	ng	99
90) Benzo(a)pyrene	23.809	252	333545	5.153	ng	99
91) Dibenzo(a,h)anthracene	26.444	278	344375	5.169	ng	99
92) Benzo(g,h,i)perylene	27.203	276	333034	5.083	ng	100

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

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