

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013024\
 Data File : BM043920.D
 Acq On : 30 Jan 2024 11:05
 Operator : MA/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
 Supervised By :Sohil Jodhani 01/31/2024

Quant Time: Jan 31 00:32:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 00:30:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	296672	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1221810	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	702347	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1443542	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1350538	20.000	ng	0.00
86) Perylene-d12	23.933	264	1563388	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	184627	9.306	ng	0.00
7) Phenol-d6	7.081	99	244772	9.314	ng	0.00
23) Nitrobenzene-d5	9.086	82	225312	9.222	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	56389	7.139	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	529657	9.743	ng	0.00
79) Terphenyl-d14	19.956	244	768245	9.701	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	42310	5.171	ng	99
3) Pyridine	3.793	79	110968	5.012	ng	95
4) n-Nitrosodimethylamine	3.716	42	45205	4.706	ng	# 90
6) Aniline	7.245	93	119878	4.764	ng	99
8) 2-Chlorophenol	7.481	128	97941	4.740	ng	97
9) Benzaldehyde	7.063	77	91497	6.265	ng	97
10) Phenol	7.104	94	125839	4.849	ng	99
11) bis(2-Chloroethyl)ether	7.351	93	105125	4.915	ng	97
12) 1,3-Dichlorobenzene	7.804	146	122281	5.104	ng	99
13) 1,4-Dichlorobenzene	7.957	146	122819	5.085	ng	98
14) 1,2-Dichlorobenzene	8.269	146	117489	5.078	ng	95
15) Benzyl Alcohol	8.163	79	76465	4.518	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.451	45	147867m	5.008	ng	
17) 2-Methylphenol	8.363	107	73951	4.506	ng	99
18) Hexachloroethane	8.998	117	44979	4.965	ng	95
19) n-Nitroso-di-n-propyla...	8.734	70	77824	4.687	ng	98
20) 3+4-Methylphenols	8.692	107	99686	4.456	ng	98
22) Acetophenone	8.751	105	156889	4.873	ng	# 99
24) Nitrobenzene	9.128	77	119461	4.841	ng	99
25) Isophorone	9.651	82	196573	4.428	ng	99
26) 2-Nitrophenol	9.839	139	25146	6.403	ng	98
27) 2,4-Dimethylphenol	9.898	122	58188	4.346	ng	96
28) bis(2-Chloroethoxy)met...	10.151	93	133230	4.739	ng	98
29) 2,4-Dichlorophenol	10.369	162	68563	3.994	ng	96
30) 1,2,4-Trichlorobenzene	10.586	180	104236	4.940	ng	99
31) Naphthalene	10.775	128	337979	4.995	ng	99
33) 4-Chloroaniline	10.892	127	116726	4.606	ng	99
34) Hexachlorobutadiene	11.051	225	61088	5.001	ng	99
35) Caprolactam	11.651	113	18071m	3.356	ng	
36) 4-Chloro-3-methylphenol	12.010	107	76548	4.065	ng	99
37) 2-Methylnaphthalene	12.386	142	219527	4.832	ng	98
38) 1-Methylnaphthalene	12.604	142	215333	4.807	ng	97
40) 1,2,4,5-Tetrachloroben...	12.751	216	105859	4.877	ng	99
41) Hexachlorocyclopentadiene	12.722	237	29837	4.086	ng	95
43) 2,4,6-Trichlorophenol	12.998	196	45927	3.608	ng	99
44) 2,4,5-Trichlorophenol	13.063	196	57303	3.898	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.404	154	279780	4.874	ng	99
47) 2-Chloronaphthalene	13.439	162	222652	4.901	ng	99
48) 2-Nitroaniline	13.651	65	41779	3.568	ng	95
49) Acenaphthylene	14.286	152	310033	4.666	ng	100
50) Dimethylphthalate	14.033	163	246248	4.744	ng	100
51) 2,6-Dinitrotoluene	14.151	165	41573	3.888	ng	94
52) Acenaphthene	14.627	154	201124	4.772	ng	97
53) 3-Nitroaniline	14.480	138	42409	3.689	ng	# 97
55) Dibenzofuran	14.963	168	318847	4.933	ng	100
57) 2,4-Dinitrotoluene	14.933	165	45269	6.473	ng	90
58) Fluorene	15.615	166	257731	4.785	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.186	232	42455	3.664	ng	99
60) Diethylphthalate	15.398	149	241794	4.511	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	126786	4.824	ng	98
62) 4-Nitroaniline	15.633	138	44137	3.641	ng	94
63) Azobenzene	15.910	77	259180	4.681	ng	98
66) n-Nitrosodiphenylamine	15.833	169	202781	4.547	ng	99
67) 4-Bromophenyl-phenylether	16.515	248	73271	4.657	ng	97
68) Hexachlorobenzene	16.610	284	89776	4.880	ng	99
69) Atrazine	16.792	200	53085	4.428	ng	97
71) Phenanthrene	17.362	178	387143	4.855	ng	100
72) Anthracene	17.451	178	358725	4.593	ng	99
73) Carbazole	17.727	167	344606	4.543	ng	99
74) Di-n-butylphthalate	18.309	149	338157	3.784	ng	99
75) Fluoranthene	19.380	202	420057	4.551	ng	99
78) Pyrene	19.745	202	442960	4.553	ng	99
80) Butylbenzylphthalate	20.668	149	96472	7.522	ng	98
81) Benzo(a)anthracene	21.503	228	451924	4.773	ng	99
82) 3,3'-Dichlorobenzidine	21.444	252	102412	3.649	ng	98
83) Chrysene	21.556	228	438184	4.871	ng	99
84) Bis(2-ethylhexyl)phtha...	21.462	149	183779	6.661	ng	100
87) Indeno(1,2,3-cd)pyrene	26.432	276	501668	4.412	ng	100
88) Benzo(b)fluoranthene	23.197	252	447068	4.462	ng	99
89) Benzo(k)fluoranthene	23.244	252	455687	4.683	ng	99
90) Benzo(a)pyrene	23.821	252	374795	4.360	ng	99
91) Dibenzo(a,h)anthracene	26.462	278	423125	4.471	ng	99
92) Benzo(g,h,i)perylene	27.197	276	422845	4.474	ng	98

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

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