

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
 Data File : BP019449.D
 Acq On : 26 Jan 2024 14:17
 Operator : MA/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/29/2024
 Supervised By :mohammad ahmed 01/30/2024

Quant Time: Jan 26 23:36:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 23:25:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	83982	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	355021	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	248045	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	576972	20.000	ng	0.00
76) Chrysene-d12	21.416	240	548921	20.000	ng	0.00
86) Perylene-d12	23.845	264	543419	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	650245	121.810	ng	0.00
7) Phenol-d6	7.099	99	969475	122.950	ng	0.00
23) Nitrobenzene-d5	9.098	82	1036452	131.482	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	421932	131.351	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	2301952	123.003	ng	0.00
79) Terphenyl-d14	19.892	244	4256221	127.125	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	124106	58.933	ng	99
3) Pyridine	3.793	79	388422m	62.199	ng	
4) n-Nitrosodimethylamine	3.716	42	185068	63.953	ng	96
6) Aniline	7.263	93	502315	62.678	ng	99
8) 2-Chlorophenol	7.487	128	344041	61.343	ng	99
9) Benzaldehyde	7.075	77	232545	58.731	ng	98
10) Phenol	7.122	94	488879	61.975	ng	98
11) bis(2-Chloroethyl)ether	7.363	93	379616	60.813	ng	98
12) 1,3-Dichlorobenzene	7.810	146	400680	59.841	ng	100
13) 1,4-Dichlorobenzene	7.963	146	402292	59.489	ng	99
14) 1,2-Dichlorobenzene	8.275	146	396656	60.321	ng	98
15) Benzyl Alcohol	8.175	79	418672	62.179	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.463	45	524345m	60.334	ng	
17) 2-Methylphenol	8.369	107	334732	61.873	ng	99
18) Hexachloroethane	8.998	117	162786	60.155	ng	97
19) n-Nitroso-di-n-propyla...	8.751	70	370889	60.888	ng	98
20) 3+4-Methylphenols	8.710	107	465804	62.265	ng	98
22) Acetophenone	8.757	105	661441	61.642	ng	# 98
24) Nitrobenzene	9.140	77	530337	64.268	ng	99
25) Isophorone	9.663	82	1032667	61.006	ng	99
27) 2,4-Dimethylphenol	9.904	122	263692	62.308	ng	97
28) bis(2-Chloroethoxy)met...	10.157	93	553728	60.962	ng	100
29) 2,4-Dichlorophenol	10.375	162	368950	63.770	ng	99
30) 1,2,4-Trichlorobenzene	10.587	180	423091	61.581	ng	97
31) Naphthalene	10.781	128	1210488	60.751	ng	99
32) Benzoic acid	10.081	122	254209	60.090	ng	98
33) 4-Chloroaniline	10.898	127	494981	61.443	ng	98
34) Hexachlorobutadiene	11.057	225	296781	61.573	ng	96
35) Caprolactam	11.704	113	139425m	61.069	ng	
36) 4-Chloro-3-methylphenol	12.016	107	493428	63.697	ng	98
37) 2-Methylnaphthalene	12.387	142	872475	60.656	ng	99
38) 1-Methylnaphthalene	12.604	142	868280	60.875	ng	99
40) 1,2,4,5-Tetrachloroben...	12.745	216	508979	62.978	ng	100
41) Hexachlorocyclopentadiene	12.722	237	221710	64.484	ng	99
43) 2,4,6-Trichlorophenol	12.992	196	330225	65.746	ng	99
44) 2,4,5-Trichlorophenol	13.063	196	371112	65.989	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.404	154	1168264	61.591	ng	99
47) 2-Chloronaphthalene	13.439	162	945177	61.719	ng	99
48) 2-Nitroaniline	13.651	65	326414	60.689	ng	99
49) Acenaphthylene	14.286	152	1426857	61.409	ng	99
50) Dimethylphthalate	14.039	163	1253038	61.112	ng	100
51) 2,6-Dinitrotoluene	14.151	165	276180	61.294	ng	97
52) Acenaphthene	14.628	154	881925	61.266	ng	99
53) 3-Nitroaniline	14.481	138	267953	68.707	ng	99
54) 2,4-Dinitrophenol	14.681	184	125986	61.533	ng	92
55) Dibenzofuran	14.963	168	1434404	61.043	ng	99
56) 4-Nitrophenol	14.781	139	223094	65.778	ng	99
57) 2,4-Dinitrotoluene	14.939	165	379294	60.884	ng	98
58) Fluorene	15.610	166	1193064	61.057	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.186	232	321580	65.213	ng	100
60) Diethylphthalate	15.404	149	1340742	61.234	ng	100
61) 4-Chlorophenyl-phenyle...	15.610	204	640218	61.397	ng	100
62) 4-Nitroaniline	15.651	138	291841	67.100	ng	96
63) Azobenzene	15.910	77	1338350	60.661	ng	98
65) 4,6-Dinitro-2-methylph...	15.698	198	187494	60.064	ng	97
66) n-Nitrosodiphenylamine	15.833	169	1026375	61.084	ng	98
67) 4-Bromophenyl-phenylether	16.510	248	400432	61.731	ng	98
68) Hexachlorobenzene	16.604	284	457444	61.943	ng	99
69) Atrazine	16.792	200	367216	58.229	ng	96
70) Pentachlorophenol	16.957	266	306364	67.833	ng	99
71) Phenanthrene	17.363	178	1865188	60.730	ng	100
72) Anthracene	17.451	178	1875233	60.930	ng	99
73) Carbazole	17.727	167	1794697	60.264	ng	99
74) Di-n-butylphthalate	18.292	149	2319472	61.104	ng	100
75) Fluoranthene	19.327	202	2407017	60.290	ng	99
78) Pyrene	19.680	202	2500827	63.019	ng	100
80) Butylbenzylphthalate	20.574	149	1050384	65.121	ng	98
81) Benzo(a)anthracene	21.398	228	2415954	61.363	ng	100
82) 3,3'-Dichlorobenzidine	21.339	252	807946	60.628	ng	99
83) Chrysene	21.457	228	2272457	61.479	ng	100
84) Bis(2-ethylhexyl)phtha...	21.345	149	1564063	62.675	ng	99
85) Di-n-octyl phthalate	22.304	149	2624955	62.580	ng	100
87) Indeno(1,2,3-cd)pyrene	26.398	276	1995723	56.043	ng	99
88) Benzo(b)fluoranthene	23.110	252	2331914	64.120	ng	99
89) Benzo(k)fluoranthene	23.162	252	2186071	63.202	ng	99
90) Benzo(a)pyrene	23.745	252	1943725	62.511	ng	99
91) Dibenzo(a,h)anthracene	26.427	278	1668519	56.260	ng	98
92) Benzo(g,h,i)perylene	27.174	276	1551540	54.407	ng	99

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

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