

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052924\
 Data File : BP020476.D
 Acq On : 29 May 2024 15:04
 Operator : MA/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024

Quant Time: May 30 02:41:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 02:29:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	362057	20.000	ng	0.00
21) Naphthalene-d8	10.546	136	1491043	20.000	ng	0.01
39) Acenaphthene-d10	14.392	164	986008	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	2366957	20.000	ng	0.00
76) Chrysene-d12	21.663	240	1441151	20.000	ng	0.00
86) Perylene-d12	25.033	264	1394242	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	3119766	154.279	ng	0.00
7) Phenol-d6	6.946	99	4324444	151.642	ng	0.01
23) Nitrobenzene-d5	8.928	82	4225281	155.121	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	13.016	172	9383222	141.863	ng	0.01
79) Terphenyl-d14	19.945	244	12534842	144.794	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	606740	74.258	ng	99
3) Pyridine	3.717	79	1794213m	78.090	ng	
4) n-Nitrosodimethylamine	3.634	42	851082	76.274	ng	100
6) Aniline	7.122	93	2192061	75.859	ng	99
8) 2-Chlorophenol	7.340	128	1728480	76.251	ng	100
10) Phenol	6.969	94	2228559	76.292	ng	98
11) bis(2-Chloroethyl)ether	7.210	93	1786023	74.139	ng	99
12) 1,3-Dichlorobenzene	7.663	146	1991443	74.565	ng	99
13) 1,4-Dichlorobenzene	7.810	146	2029628	74.770	ng	99
14) 1,2-Dichlorobenzene	8.128	146	1924826	73.475	ng	98
15) Benzyl Alcohol	8.010	79	1623307	77.063	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.305	45	2552687m	70.975	ng	
17) 2-Methylphenol	8.210	107	1503131	75.828	ng	99
18) Hexachloroethane	8.846	117	750331	75.700	ng	96
19) n-Nitroso-di-n-propyla...	8.581	70	1401114	71.970	ng	99
20) 3+4-Methylphenols	8.534	107	2094912	77.699	ng	97
22) Acetophenone	8.593	105	2737130	73.954	ng	# 98
24) Nitrobenzene	8.969	77	2123159	76.804	ng	100
25) Isophorone	9.487	82	4047670	76.482	ng	100
26) 2-Nitrophenol	9.663	139	908381	80.298	ng	99
27) 2,4-Dimethylphenol	9.716	122	1222242	76.445	ng	99
28) bis(2-Chloroethoxy)met...	9.969	93	2416868	74.300	ng	99
29) 2,4-Dichlorophenol	10.187	162	1737272	80.992	ng	98
30) 1,2,4-Trichlorobenzene	10.404	180	1955550	76.794	ng	98
31) Naphthalene	10.599	128	5701522	74.799	ng	100
32) Benzoic acid	9.922	122	1305162m	80.028	ng	
33) 4-Chloroaniline	10.704	127	2252941	76.406	ng	99
34) Hexachlorobutadiene	10.875	225	1257026	78.364	ng	99
35) Caprolactam	11.522	113	629736m	80.106	ng	
36) 4-Chloro-3-methylphenol	11.822	107	1975687	78.668	ng	98
37) 2-Methylnaphthalene	12.198	142	3990082	73.053	ng	99
38) 1-Methylnaphthalene	12.428	142	4001501	73.905	ng	100
40) 1,2,4,5-Tetrachloroben...	12.563	216	2172407	76.149	ng	100
41) Hexachlorocyclopentadiene	12.545	237	834780	83.260	ng	99
43) 2,4,6-Trichlorophenol	12.810	196	1450376	84.106	ng	98
44) 2,4,5-Trichlorophenol	12.875	196	1618154	81.336	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.222	154	5100219	73.294	ng	99
47) 2-Chloronaphthalene	13.263	162	4056707	73.333	ng	99
48) 2-Nitroaniline	13.469	65	1268943	84.654	ng	99
49) Acenaphthylene	14.110	152	6143526	74.845	ng	99
50) Dimethylphthalate	13.869	163	5144676	74.021	ng	99
51) 2,6-Dinitrotoluene	13.981	165	1220124	82.130	ng	92
52) Acenaphthene	14.463	154	3873959	74.819	ng	99
53) 3-Nitroaniline	14.310	138	1198745	80.444	ng	98
54) 2,4-Dinitrophenol	14.498	184	526744	79.148	ng	97
55) Dibenzofuran	14.804	168	5966759	72.746	ng	99
56) 4-Nitrophenol	14.610	139	1006836	87.345	ng	95
57) 2,4-Dinitrotoluene	14.763	165	1670027	85.539	ng	95
58) Fluorene	15.463	166	5260563	79.892	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.028	232	1361010	83.595	ng	99
60) Diethylphthalate	15.245	149	5372786	76.046	ng	100
61) 4-Chlorophenyl-phenyle...	15.457	204	2890057	85.055	ng	98
62) 4-Nitroaniline	15.498	138	1372139	89.389	ng	97
63) Azobenzene	15.757	77	5032725	76.286	ng	95
65) 4,6-Dinitro-2-methylph...	15.539	198	921104	81.434	ng	94
66) n-Nitrosodiphenylamine	15.675	169	4775145	73.378	ng	100
67) 4-Bromophenyl-phenylether	16.369	248	2008955	82.962	ng	96
68) Hexachlorobenzene	16.481	284	2379065	83.478	ng	97
69) Atrazine	16.657	200	1735111	75.788	ng	99
70) Pentachlorophenol	16.833	266	1576367	91.072	ng	96
71) Phenanthrene	17.245	178	8499330	73.048	ng	100
72) Anthracene	17.339	178	8133647	71.240	ng	99
73) Carbazole	17.616	167	7775297	70.404	ng	99
74) Di-n-butylphthalate	18.228	149	9001743	67.308	ng	99
75) Fluoranthene	19.339	202	8598694	62.468	ng	99
78) Pyrene	19.716	202	8831535	81.471	ng	99
80) Butylbenzylphthalate	20.686	149	3561822	79.889	ng	92
81) Benzo(a)anthracene	21.639	228	7183396	75.701	ng	99
82) 3,3'-Dichlorobenzidine	21.569	252	2182928	77.387	ng	100
83) Chrysene	21.704	228	6766919	75.681	ng	99
84) Bis(2-ethylhexyl)phtha...	21.610	149	5153407	83.533	ng	98
85) Di-n-octyl phthalate	22.910	149	7531047	88.977	ng	99
87) Indeno(1,2,3-cd)pyrene	28.874	276	7445843	87.856	ng	98
88) Benzo(b)fluoranthene	23.968	252	6512003	74.972	ng	99
89) Benzo(k)fluoranthene	24.045	252	6507147	76.812	ng	99
90) Benzo(a)pyrene	24.874	252	5773207	80.256	ng	100
91) Dibenzo(a,h)anthracene	28.962	278	6157164	87.068	ng	99
92) Benzo(g,h,i)perylene	30.056	276	6213459	87.905	ng	98

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

