

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120424\
 Data File : BP023336.D
 Acq On : 04 Dec 2024 17:38
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

12/05/2024
 Supervised By :mohammad
 ahmed

Quant Time: Dec 05 01:28:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP120424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 22:35:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	145396	20.000	ng	0.00
21) Naphthalene-d8	10.281	136	530655	20.000	ng	0.00
39) Acenaphthene-d10	14.157	164	432355	20.000	ng	0.00
64) Phenanthrene-d10	16.969	188	1104840	20.000	ng	0.00
76) Chrysene-d12	21.404	240	1172301	20.000	ng	0.00
86) Perylene-d12	24.598	264	1371980	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	1263312	167.570	ng	0.00
7) Phenol-d6	6.746	99	1765463	164.858	ng	0.00
23) Nitrobenzene-d5	8.687	82	1802916	150.696	ng	0.00
42) 2,4,6-Tribromophenol	15.675	330	1361468	183.214	ng	-0.02
45) 2-Fluorobiphenyl	12.763	172	4692950	154.805	ng	0.00
79) Terphenyl-d14	19.710	244	10452865	164.316	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.128	88	238384	67.505	ng	98
3) Pyridine	3.528	79	670227m	77.174	ng	
4) n-Nitrosodimethylamine	3.440	42	327495	71.316	ng	92
8) 2-Chlorophenol	7.116	128	634387	80.820	ng	100
10) Phenol	6.769	94	882402	81.850	ng	97
11) bis(2-Chloroethyl)ether	6.987	93	704790	81.432	ng	97
12) 1,3-Dichlorobenzene	7.422	146	783799	76.333	ng	98
13) 1,4-Dichlorobenzene	7.569	146	803779	76.610	ng	100
14) 1,2-Dichlorobenzene	7.881	146	781795	77.265	ng	99
15) Benzyl Alcohol	7.787	79	669324	80.146	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.058	45	709589	69.592	ng	99
17) 2-Methylphenol	7.993	107	573040	80.048	ng	98
18) Hexachloroethane	8.587	117	299401	74.798	ng	96
19) n-Nitroso-di-n-propyla...	8.340	70	571693	73.986	ng	97
20) 3+4-Methylphenols	8.316	107	804245	81.858	ng	98
22) Acetophenone	8.352	105	1091129	76.539	ng	# 97
24) Nitrobenzene	8.728	77	932327	76.081	ng	98
25) Isophorone	9.240	82	1552365	77.593	ng	98
26) 2-Nitrophenol	9.422	139	388535	86.304	ng	96
27) 2,4-Dimethylphenol	9.493	122	425301	81.589	ng	97
28) bis(2-Chloroethoxy)met...	9.710	93	868928	76.877	ng	98
29) 2,4-Dichlorophenol	9.952	162	763270	85.479	ng	99
30) 1,2,4-Trichlorobenzene	10.152	180	929734	78.954	ng	99
31) Naphthalene	10.328	128	2071630	77.134	ng	99
32) Benzoic acid	9.734	122	551636	91.390	ng	96
33) 4-Chloroaniline	10.469	127	587831	70.109	ng	97
34) Hexachlorobutadiene	10.604	225	688872	77.982	ng	99
35) Caprolactam	11.287	113	233265m	89.029	ng	
36) 4-Chloro-3-methylphenol	11.604	107	842313	84.493	ng	98
37) 2-Methylnaphthalene	11.946	142	1569808	80.106	ng	99
38) 1-Methylnaphthalene	12.169	142	1548274	79.392	ng	99
40) 1,2,4,5-Tetrachloroben...	12.322	216	1181797	79.205	ng	99
41) Hexachlorocyclopentadiene	12.293	237	338132	85.792	ng	99
43) 2,4,6-Trichlorophenol	12.587	196	769922	85.005	ng	99
44) 2,4,5-Trichlorophenol	12.669	196	881615	87.645	ng	98
46) 1,1'-Biphenyl	12.981	154	2235315	76.629	ng	99

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47) 2-Chloronaphthalene	13.022	162	1842470	77.127	ng	99
48) 2-Nitroaniline	13.246	65	582805	81.951	ng	99
49) Acenaphthylene	13.875	152	2621015	78.579	ng	100
50) Dimethylphthalate	13.628	163	2484858	79.805	ng	100
51) 2,6-Dinitrotoluene	13.751	165	575719	82.430	ng	97
52) Acenaphthene	14.216	154	1687324	78.130	ng	99
53) 3-Nitroaniline	14.098	138	416554	77.531	ng	98
54) 2,4-Dinitrophenol	14.316	184	390297	91.148	ng	98
55) Dibenzofuran	14.563	168	2986014	78.907	ng	98
56) 4-Nitrophenol	14.434	139	412248	80.740	ng	96
57) 2,4-Dinitrotoluene	14.557	165	864165	86.272	ng	96
58) Fluorene	15.228	166	2498628	80.132	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.816	232	838544	86.212	ng	98
60) Diethylphthalate	15.004	149	2502754	79.360	ng	99
61) 4-Chlorophenyl-phenyle...	15.216	204	1507533	81.845	ng	98
62) 4-Nitroaniline	15.281	138	497362	91.628	ng	97
63) Azobenzene	15.522	77	2232116	73.962	ng	99
65) 4,6-Dinitro-2-methylph...	15.340	198	589833	90.456	ng	95
66) n-Nitrosodiphenylamine	15.451	169	2150030	78.403	ng	99
67) 4-Bromophenyl-phenylether	16.134	248	1041783	79.675	ng	100
68) Hexachlorobenzene	16.257	284	1333020	83.378	ng	98
69) Atrazine	16.428	200	879995	90.366	ng	99
70) Pentachlorophenol	16.622	266	882264	90.316	ng	99
71) Phenanthrene	17.016	178	4226546	79.440	ng	100
72) Anthracene	17.098	178	4049151	79.391	ng	100
73) Carbazole	17.392	167	3805002	80.611	ng	99
74) Di-n-butylphthalate	17.981	149	4380554	79.062	ng	99
75) Fluoranthene	19.116	202	5874707	80.197	ng	100
77) Benzidine	19.316	184	1536145	89.810	ng	99
78) Pyrene	19.492	202	6056359	84.428	ng	99
80) Butylbenzylphthalate	20.445	149	1989341	81.883	ng	94
81) Benzo(a)anthracene	21.386	228	5788159	79.074	ng	99
82) 3,3'-Dichlorobenzidine	21.322	252	2361248	85.539	ng	100
83) Chrysene	21.457	228	5525498	78.588	ng	100
84) Bis(2-ethylhexyl)phtha...	21.322	149	2998939	83.488	ng	97
85) Di-n-octyl phthalate	22.527	149	4774234	80.163	ng	100
87) Indeno(1,2,3-cd)pyrene	28.233	276	7589028	81.452	ng #	95
88) Benzo(b)fluoranthene	23.598	252	6541081	80.367	ng	99
89) Benzo(k)fluoranthene	23.663	252	6242352	80.495	ng	100
90) Benzo(a)pyrene	24.457	252	5671385	81.493	ng	100
91) Dibenzo(a,h)anthracene	28.286	278	6210106	81.395	ng	99
92) Benzo(g,h,i)perylene	29.339	276	6252428	80.790	ng	99

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

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