

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052224\
 Data File : BP020444.D
 Acq On : 22 May 2024 20:53
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVP052224

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/24/2024

Quant Time: May 23 02:18:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 02:14:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	142103	20.000	ng	0.00
21) Naphthalene-d8	10.322	136	550869	20.000	ng	0.00
39) Acenaphthene-d10	14.228	164	366184	20.000	ng	0.00
64) Phenanthrene-d10	17.075	188	783710	20.000	ng	0.00
76) Chrysene-d12	21.551	240	778996	20.000	ng	0.00
86) Perylene-d12	24.851	264	886435	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	580144	75.364	ng	0.00
7) Phenol-d6	6.746	99	762674	70.767	ng	0.00
23) Nitrobenzene-d5	8.716	82	864126	75.054	ng	0.00
42) 2,4,6-Tribromophenol	15.775	330	377598	79.364	ng	0.00
45) 2-Fluorobiphenyl	12.828	172	1906982	71.969	ng	0.00
79) Terphenyl-d14	19.833	244	3345094	73.467	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.181	88	128192	38.073	ng	99
3) Pyridine	3.570	79	301892	36.149	ng	98
4) n-Nitrosodimethylamine	3.493	42	150890	37.435	ng	93
6) Aniline	6.905	93	447216	43.682	ng	99
8) 2-Chlorophenol	7.122	128	327662	37.940	ng	98
9) Benzaldehyde	6.728	77	199002	32.694	ng	99
10) Phenol	6.769	94	410992	37.838	ng	99
11) bis(2-Chloroethyl)ether	7.005	93	328324	37.956	ng	99
12) 1,3-Dichlorobenzene	7.440	146	384417	37.032	ng	98
13) 1,4-Dichlorobenzene	7.587	146	391793	36.817	ng	99
14) 1,2-Dichlorobenzene	7.899	146	371552	36.476	ng	98
15) Benzyl Alcohol	7.811	79	335500	37.672	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.063	45	386455	39.020	ng	99
17) 2-Methylphenol	7.999	107	277016	38.322	ng	98
18) Hexachloroethane	8.599	117	151327	37.430	ng	97
19) n-Nitroso-di-n-propyla...	8.363	70	279202	37.877	ng	100
20) 3+4-Methylphenols	8.328	107	380001	38.171	ng	99
22) Acetophenone	8.381	105	544619	38.745	ng	# 99
24) Nitrobenzene	8.758	77	416049	36.686	ng	99
25) Isophorone	9.281	82	747389	39.124	ng	98
26) 2-Nitrophenol	9.457	139	185490	39.719	ng	99
27) 2,4-Dimethylphenol	9.516	122	226052	41.640	ng	98
28) bis(2-Chloroethoxy)met...	9.757	93	435979	39.486	ng	99
29) 2,4-Dichlorophenol	9.993	162	326471	40.098	ng	99
30) 1,2,4-Trichlorobenzene	10.187	180	380904	37.492	ng	99
31) Naphthalene	10.375	128	1027147	36.937	ng	100
32) Benzoic acid	9.710	122	226847	37.330	ng	98
33) 4-Chloroaniline	10.510	127	402437	42.740	ng	98
34) Hexachlorobutadiene	10.634	225	253661	35.461	ng	97
35) Caprolactam	11.334	113	101670	43.949	ng	92
36) 4-Chloro-3-methylphenol	11.646	107	371014	39.417	ng	96
37) 2-Methylnaphthalene	12.004	142	723161	37.937	ng	99
38) 1-Methylnaphthalene	12.222	142	669105	35.396	ng	99
40) 1,2,4,5-Tetrachloroben...	12.381	216	451389	37.935	ng	99
41) Hexachlorocyclopentadiene	12.334	237	176668	44.374	ng	98
43) 2,4,6-Trichlorophenol	12.634	196	281056	38.820	ng	100

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44) 2,4,5-Trichlorophenol	12.722	196	307816	38.781	ng	99
46) 1,1'-Biphenyl	13.046	154	980149	37.989	ng	98
47) 2-Chloronaphthalene	13.087	162	753209	36.331	ng	98
48) 2-Nitroaniline	13.328	65	244954	39.967	ng	97
49) Acenaphthylene	13.945	152	1201596	40.987	ng	99
50) Dimethylphthalate	13.704	163	980969	39.089	ng	98
51) 2,6-Dinitrotoluene	13.834	165	215166	38.223	ng	98
52) Acenaphthene	14.293	154	685189	36.722	ng	99
53) 3-Nitroaniline	14.175	138	203881	42.123	ng	97
54) 2,4-Dinitrophenol	14.404	184	130876	40.164	ng	98
55) Dibenzofuran	14.645	168	1139676	37.855	ng	97
56) 4-Nitrophenol	14.516	139	152001	46.338	ng	96
57) 2,4-Dinitrotoluene	14.651	165	300094	40.008	ng	98
58) Fluorene	15.316	166	926452	37.901	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.881	232	283375	40.889	ng	100
60) Diethylphthalate	15.098	149	979371	39.716	ng	99
61) 4-Chlorophenyl-phenyle...	15.316	204	513937	38.290	ng	97
62) 4-Nitroaniline	15.381	138	198360	45.098	ng	99
63) Azobenzene	15.616	77	946323	39.649	ng	98
65) 4,6-Dinitro-2-methylph...	15.434	198	195492	39.260	ng	98
66) n-Nitrosodiphenylamine	15.540	169	801185	37.004	ng	99
67) 4-Bromophenyl-phenylether	16.234	248	324182	36.657	ng	99
68) Hexachlorobenzene	16.339	284	372281	35.622	ng	98
69) Atrazine	16.545	200	324206	51.355	ng	100
70) Pentachlorophenol	16.716	266	230161	38.856	ng	99
71) Phenanthrene	17.116	178	1451832	38.432	ng	99
72) Anthracene	17.204	178	1485373	40.068	ng	99
73) Carbazole	17.510	167	1332060	40.161	ng	100
74) Di-n-butylphthalate	18.104	149	1697278	42.633	ng	100
75) Fluoranthene	19.228	202	1796957	40.833	ng	99
77) Benzidine	19.445	184	706006	64.778	ng	99
78) Pyrene	19.610	202	1872517	35.525	ng	100
80) Butylbenzylphthalate	20.586	149	783381	41.657	ng	99
81) Benzo(a)anthracene	21.533	228	1919799	39.464	ng	100
82) 3,3'-Dichlorobenzidine	21.469	252	699893	42.203	ng	98
83) Chrysene	21.598	228	1839123	38.420	ng	100
84) Bis(2-ethylhexyl)phtha...	21.480	149	1182986	43.423	ng	100
85) Di-n-octyl phthalate	22.745	149	1996543	44.039	ng	99
87) Indeno(1,2,3-cd)pyrene	28.598	276	2295849m	37.981	ng	
88) Benzo(b)fluoranthene	23.804	252	1932074	38.148	ng	99
89) Benzo(k)fluoranthene	23.874	252	1950369	38.985	ng	99
90) Benzo(a)pyrene	24.698	252	1788698	39.888	ng	98
91) Dibenzo(a,h)anthracene	28.686	278	1868636	37.506	ng	99
92) Benzo(g,h,i)perylene	29.751	276	1778735	34.809	ng	98

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

