

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021624\
 Data File : BP019739.D
 Acq On : 16 Feb 2024 11:40
 Operator : MA/JU
 Sample : PB159037BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159037BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/19/2024
 Supervised By :mohammad ahmed 02/19/2024

Quant Time: Feb 16 12:06:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	64902	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	230948	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	147518	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	337083	20.000	ng	0.00
76) Chrysene-d12	21.392	240	317391	20.000	ng	0.00
86) Perylene-d12	23.816	264	389478	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	524568	130.283	ng	0.00
7) Phenol-d6	7.081	99	662419	122.014	ng	0.00
23) Nitrobenzene-d5	9.075	82	447529	83.967	ng	-0.01
42) 2,4,6-Tribromophenol	16.039	330	356993	165.745	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1018446	85.348	ng	-0.01
79) Terphenyl-d14	19.869	244	1784282	92.452	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	54302	35.005	ng	96
3) Pyridine	3.781	79	141723	33.698	ng	96
4) n-Nitrosodimethylamine	3.699	42	78201	42.708	ng	95
6) Aniline	7.234	93	143532	27.209	ng	99
8) 2-Chlorophenol	7.469	128	186834	45.197	ng	97
9) Benzaldehyde	7.058	77	10133m	2.662	ng	
10) Phenol	7.105	94	236132	43.639	ng	97
11) bis(2-Chloroethyl)ether	7.340	93	171698	40.786	ng	99
12) 1,3-Dichlorobenzene	7.793	146	216617	42.825	ng	96
13) 1,4-Dichlorobenzene	7.940	146	220962	43.118	ng	97
14) 1,2-Dichlorobenzene	8.252	146	210748	42.504	ng	99
15) Benzyl Alcohol	8.158	79	185019m	42.652	ng	
16) 2,2'-oxybis(1-Chloropr...	8.428	45	168928	40.129	ng	98
17) 2-Methylphenol	8.358	107	154832	42.502	ng	96
18) Hexachloroethane	8.975	117	82460	41.513	ng	96
19) n-Nitroso-di-n-propyla...	8.722	70	145503	39.237	ng	98
20) 3+4-Methylphenols	8.687	107	208700	41.978	ng	98
22) Acetophenone	8.740	105	285931	43.459	ng	# 97
24) Nitrobenzene	9.116	77	223526	41.654	ng	98
25) Isophorone	9.646	82	389830	41.998	ng	99
26) 2-Nitrophenol	9.828	139	100895	49.310	ng	97
27) 2,4-Dimethylphenol	9.887	122	136659	52.232	ng	98
28) bis(2-Chloroethoxy)met...	10.128	93	220390	41.965	ng	99
29) 2,4-Dichlorophenol	10.357	162	185696	46.951	ng	98
30) 1,2,4-Trichlorobenzene	10.569	180	217340	44.818	ng	98
31) Naphthalene	10.757	128	548765	43.324	ng	99
32) Benzoic acid	10.034	122	127491	50.013	ng	95
33) 4-Chloroaniline	10.881	127	65897	14.068	ng	99
34) Hexachlorobutadiene	11.022	225	159486	44.381	ng	96
35) Caprolactam	11.687	113	57818	51.639	ng	96
36) 4-Chloro-3-methylphenol	12.004	107	197422	45.779	ng	97
37) 2-Methylnaphthalene	12.369	142	377134	43.023	ng	98
38) 1-Methylnaphthalene	12.587	142	364820	42.351	ng	99
40) 1,2,4,5-Tetrachloroben...	12.734	216	265664	46.696	ng	98
41) Hexachlorocyclopentadiene	12.698	237	325393	126.607	ng	98
43) 2,4,6-Trichlorophenol	12.981	196	167542	48.634	ng	99

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44) 2,4,5-Trichlorophenol	13.051	196	182888	48.347	ng	97
46) 1,1'-Biphenyl	13.381	154	513959	43.652	ng	99
47) 2-Chloronaphthalene	13.422	162	409115	42.329	ng	99
48) 2-Nitroaniline	13.634	65	127307	47.106	ng	95
49) Acenaphthylene	14.263	152	659029	48.602	ng	100
50) Dimethylphthalate	14.010	163	522905	46.304	ng	98
51) 2,6-Dinitrotoluene	14.140	165	116378	46.905	ng	89
52) Acenaphthene	14.604	154	371610	44.156	ng	98
53) 3-Nitroaniline	14.463	138	78703	34.516	ng	95
54) 2,4-Dinitrophenol	14.681	184	152215	118.158	ng	97
55) Dibenzofuran	14.945	168	631674	46.084	ng	98
56) 4-Nitrophenol	14.775	139	191962	102.713	ng	99
57) 2,4-Dinitrotoluene	14.928	165	165534	50.912	ng	96
58) Fluorene	15.592	166	513519	47.038	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	174279	54.772	ng	95
60) Diethylphthalate	15.375	149	511524	45.539	ng	98
61) 4-Chlorophenyl-phenyle...	15.592	204	285283	46.493	ng	96
62) 4-Nitroaniline	15.628	138	114406	47.868	ng	98
63) Azobenzene	15.887	77	466542	42.952	ng	97
65) 4,6-Dinitro-2-methylph...	15.687	198	99433	51.732	ng	97
66) n-Nitrosodiphenylamine	15.810	169	442839	43.866	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	190414	45.187	ng	95
68) Hexachlorobenzene	16.592	284	223385	45.395	ng	96
69) Atrazine	16.775	200	169333	50.548	ng	95
70) Pentachlorophenol	16.945	266	310719	101.394	ng	99
71) Phenanthrene	17.339	178	827616	46.654	ng	99
72) Anthracene	17.434	178	834254	47.143	ng	99
73) Carbazole	17.710	167	761710	47.381	ng	99
74) Di-n-butylphthalate	18.269	149	838006	43.112	ng	99
75) Fluoranthene	19.310	202	1015088	46.841	ng	99
77) Benzidine	19.498	184	328073	49.441	ng	99
78) Pyrene	19.663	202	1045898	46.692	ng	99
80) Butylbenzylphthalate	20.551	149	366681	43.834	ng	96
81) Benzo(a)anthracene	21.380	228	1034304	46.294	ng	100
82) 3,3'-Dichlorobenzidine	21.316	252	344694	42.338	ng	98
83) Chrysene	21.433	228	971472	45.799	ng	100
84) Bis(2-ethylhexyl)phtha...	21.316	149	480184	37.697	ng	97
85) Di-n-octyl phthalate	22.257	149	851722	38.003	ng	100
87) Indeno(1,2,3-cd)pyrene	26.357	276	1473110	49.411	ng	98
88) Benzo(b)fluoranthene	23.074	252	1118167	45.552	ng	99
89) Benzo(k)fluoranthene	23.127	252	1061299	45.262	ng	100
90) Benzo(a)pyrene	23.710	252	1036656	47.463	ng	98
91) Dibenzo(a,h)anthracene	26.386	278	1224192	49.926	ng #	97
92) Benzo(g,h,i)perylene	27.139	276	1180712	47.464	ng	98

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

