

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
 Data File : BP009138.D
 Acq On : 14 Feb 2022 17:13
 Operator : CG/JU
 Sample : N1470-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CTY2-WC-ROLLOFFMSD

Quant Time: Feb 14 23:57:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay
 02/15/2022

Supervised By :Yogesh
 Patel
 02/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	262984	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	983062	20.000	ng	-0.02
39) Acenaphthene-d10	14.439	164	623675	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1144981	20.000	ng	0.00
76) Chrysene-d12	21.292	240	828351	20.000	ng	0.00
86) Perylene-d12	23.692	264	489478	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1929263	130.861	ng	0.00
7) Phenol-d6	6.993	99	2249029	115.773	ng	0.00
23) Nitrobenzene-d5	8.957	82	1636557	93.882	ng	-0.01
42) 2,4,6-Tribromophenol	15.939	330	1217927	146.259	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	3979888	89.332	ng	-0.01
79) Terphenyl-d14	19.763	244	5030502	109.211	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	207360	42.708	ng	# 43
3) Pyridine	3.716	79	375528	26.476	ng	97
4) n-Nitrosodimethylamine	3.616	42	273803	50.390	ng	82
6) Aniline	7.128	93	151694	6.880	ng	95
8) 2-Chlorophenol	7.369	128	832482	50.034	ng	97
9) Benzaldehyde	6.940	77	245968	24.997	ng	93
10) Phenol	7.016	94	896772	45.914	ng	95
11) bis(2-Chloroethyl)ether	7.222	93	765225	50.457	ng	98
12) 1,3-Dichlorobenzene	7.681	146	867086	45.060	ng	95
13) 1,4-Dichlorobenzene	7.828	146	899544	45.793	ng	97
14) 1,2-Dichlorobenzene	8.146	146	875426	45.985	ng	100
15) Benzyl Alcohol	8.046	79	416344m	33.668	ng	
16) 2,2'-oxybis(1-Chloropr...	8.328	45	810362	47.407	ng	98
17) 2-Methylphenol	8.263	107	634959	48.492	ng	96
18) Hexachloroethane	8.863	117	298340	45.847	ng	98
19) n-Nitroso-di-n-propyla...	8.610	70	542096	48.737	ng	99
20) 3+4-Methylphenols	8.599	107	831539	46.401	ng	92
22) Acetophenone	8.622	105	1156843	50.339	ng	# 95
24) Nitrobenzene	8.999	77	846039	51.340	ng	96
25) Isophorone	9.528	82	1539149	53.141	ng	97
26) 2-Nitrophenol	9.710	139	447860	52.547	ng	91
27) 2,4-Dimethylphenol	9.787	122	742590	58.270	ng	97
28) bis(2-Chloroethoxy)met...	10.004	93	882308	44.880	ng	97
29) 2,4-Dichlorophenol	10.263	162	807419	50.702	ng	99
30) 1,2,4-Trichlorobenzene	10.457	180	905454	48.357	ng	99
31) Naphthalene	10.640	128	2381763	47.502	ng	99
32) Benzoic acid	10.016	122	497377	47.238	ng	97
33) 4-Chloroaniline	10.781	127	100452	4.962	ng	97
34) Hexachlorobutadiene	10.922	225	552817	47.994	ng	98
35) Caprolactam	11.587	113	187018	40.050	ng	94
36) 4-Chloro-3-methylphenol	11.916	107	757074	49.838	ng	97
37) 2-Methylnaphthalene	12.257	142	1759635	49.593	ng	99
38) 1-Methylnaphthalene	12.475	142	1633644	47.120	ng	99
40) 1,2,4,5-Tetrachloroben...	12.628	216	1033409	52.057	ng	99
41) Hexachlorocyclopentadiene	12.598	237	636119	85.054	ng	99
43) 2,4,6-Trichlorophenol	12.881	196	685101	52.042	ng	100

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44) 2,4,5-Trichlorophenol	12.975	196	739458	52.380	ng	96
46) 1,1'-Biphenyl	13.269	154	2314143	50.502	ng	99
47) 2-Chloronaphthalene	13.310	162	1787599	49.094	ng	99
48) 2-Nitroaniline	13.528	65	410969	48.711	ng	95
49) Acenaphthylene	14.157	152	2765197	50.372	ng	100
50) Dimethylphthalate	13.904	163	2244277	50.483	ng	100
51) 2,6-Dinitrotoluene	14.028	165	499581	53.881	ng	97
52) Acenaphthene	14.504	154	1627698	48.732	ng	99
53) 3-Nitroaniline	14.363	138	137591	14.508	ng	97
54) 2,4-Dinitrophenol	14.586	184	526129	82.213	ng	95
55) Dibenzofuran	14.839	168	2685427	47.722	ng	98
56) 4-Nitrophenol	14.716	139	576306	72.593	ng	86
57) 2,4-Dinitrotoluene	14.828	165	663448	54.791	ng	# 87
58) Fluorene	15.492	166	2104867	48.688	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.081	232	606824m	49.118	ng	
60) Diethylphthalate	15.263	149	2142889	50.977	ng	99
61) 4-Chlorophenyl-phenyle...	15.481	204	1120429	47.699	ng	98
62) 4-Nitroaniline	15.534	138	239521m	25.119	ng	
63) Azobenzene	15.775	77	1725736	47.449	ng	94
65) 4,6-Dinitro-2-methylph...	15.598	198	337183	47.986	ng	95
66) n-Nitrosodiphenylamine	15.704	169	992964	28.596	ng	99
67) 4-Bromophenyl-phenylether	16.381	248	734847	55.383	ng	99
68) Hexachlorobenzene	16.504	284	818667	55.082	ng	96
69) Atrazine	16.663	200	98493	8.554	ng	98
70) Pentachlorophenol	16.863	266	897191	114.645	ng	99
71) Phenanthrene	17.239	178	3201347	51.637	ng	100
72) Anthracene	17.328	178	3235756	53.346	ng	99
73) Carbazole	17.610	167	1306235	22.466	ng	98
74) Di-n-butylphthalate	18.157	149	3454680	58.642	ng	98
75) Fluoranthene	19.216	202	3399357	48.922	ng	95
78) Pyrene	19.563	202	3300676	56.014	ng	99
80) Butylbenzylphthalate	20.433	149	1248600	61.623	ng	98
81) Benzo(a)anthracene	21.280	228	2706836	50.708	ng	97
82) 3,3'-Dichlorobenzidine	21.216	252	48596	2.626	ng	97
83) Chrysene	21.333	228	2665808	51.803	ng	98
84) Bis(2-ethylhexyl)phtha...	21.198	149	1787274	66.685	ng	98
85) Di-n-octyl phthalate	22.116	149	2742001	63.956	ng	100
87) Indeno(1,2,3-cd)pyrene	26.198	276	3854929	105.994	ng	97
88) Benzo(b)fluoranthene	22.963	252	3049696	101.208	ng	98
89) Benzo(k)fluoranthene	23.010	252	2746239m	91.349	ng	
90) Benzo(a)pyrene	23.586	252	2828530	112.589	ng	98
91) Dibenzo(a,h)anthracene	26.204	278	3492828	116.864	ng	98
92) Benzo(g,h,i)perylene	26.968	276	3343609	112.359	ng	98

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

