

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022324\
 Data File : BP019847.D
 Acq On : 23 Feb 2024 17:14
 Operator : MA/JU
 Sample : P1537-11MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 11MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/27/2024
 Supervised By :mohammad ahmed 02/27/2024

Quant Time: Feb 23 17:55:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 13:10:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	77539	20.000	ng	0.00
21) Naphthalene-d8	10.705	136	282390	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	190422	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	422186	20.000	ng	0.00
76) Chrysene-d12	21.416	240	444562	20.000	ng	-0.01
86) Perylene-d12	23.851	264	535994	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	427155	88.799	ng	0.00
7) Phenol-d6	7.081	99	560158	86.363	ng	0.00
23) Nitrobenzene-d5	9.075	82	386381	59.288	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	324980	116.887	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	874784	56.791	ng	0.00
79) Terphenyl-d14	19.881	244	1558123	57.639	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	66330	35.790	ng	98
3) Pyridine	3.787	79	177714	35.369	ng	99
4) n-Nitrosodimethylamine	3.705	42	90731	41.475	ng	98
6) Aniline	7.240	93	152273	24.161	ng	98
8) 2-Chlorophenol	7.469	128	222503	45.054	ng	99
9) Benzaldehyde	7.058	77	37774m	8.307	ng	
10) Phenol	7.111	94	279504	43.236	ng	99
11) bis(2-Chloroethyl)ether	7.340	93	216642	43.075	ng	97
12) 1,3-Dichlorobenzene	7.787	146	257964	42.688	ng	97
13) 1,4-Dichlorobenzene	7.940	146	265257	43.326	ng	98
14) 1,2-Dichlorobenzene	8.252	146	252552	42.634	ng	98
15) Benzyl Alcohol	8.158	79	226047	43.618	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.428	45	211952m	42.143	ng	
17) 2-Methylphenol	8.358	107	188259	43.256	ng	99
18) Hexachloroethane	8.969	117	90870	38.292	ng	97
19) n-Nitroso-di-n-propyla...	8.722	70	180537	40.750	ng	98
20) 3+4-Methylphenols	8.687	107	253394	42.661	ng	99
22) Acetophenone	8.740	105	351390	43.679	ng	# 97
24) Nitrobenzene	9.122	77	271400	41.362	ng	99
25) Isophorone	9.646	82	485227	42.752	ng	98
26) 2-Nitrophenol	9.828	139	115039	45.981	ng	97
27) 2,4-Dimethylphenol	9.893	122	166830	52.148	ng	97
28) bis(2-Chloroethoxy)met...	10.134	93	276062	42.990	ng	100
29) 2,4-Dichlorophenol	10.363	162	229169	47.388	ng	96
30) 1,2,4-Trichlorobenzene	10.569	180	269286	45.414	ng	99
31) Naphthalene	10.757	128	674741	43.566	ng	99
32) Benzoic acid	10.063	122	155433	49.867	ng	94
33) 4-Chloroaniline	10.881	127	83024	14.495	ng	98
34) Hexachlorobutadiene	11.022	225	198462	45.166	ng	99
35) Caprolactam	11.699	113	66766	48.768	ng	98
36) 4-Chloro-3-methylphenol	12.010	107	248620	47.149	ng	99
37) 2-Methylnaphthalene	12.369	142	473503	44.177	ng	98
38) 1-Methylnaphthalene	12.587	142	450426	42.763	ng	99
40) 1,2,4,5-Tetrachloroben...	12.734	216	336647	45.840	ng	99
41) Hexachlorocyclopentadiene	12.699	237	174250	52.523	ng	98
43) 2,4,6-Trichlorophenol	12.981	196	210804	47.405	ng	99

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44) 2,4,5-Trichlorophenol	13.057	196	230000	47.102	ng	97
46) 1,1'-Biphenyl	13.381	154	643213	42.322	ng	98
47) 2-Chloronaphthalene	13.422	162	515503	41.320	ng	100
48) 2-Nitroaniline	13.640	65	160522	46.014	ng	99
49) Acenaphthylene	14.269	152	826144	47.199	ng	100
50) Dimethylphthalate	14.016	163	651156	44.669	ng	98
51) 2,6-Dinitrotoluene	14.146	165	140687	43.927	ng	92
52) Acenaphthene	14.610	154	463451	42.661	ng	98
53) 3-Nitroaniline	14.469	138	100747	34.229	ng	94
54) 2,4-Dinitrophenol	14.687	184	66974	40.275	ng	98
55) Dibenzofuran	14.945	168	794951	44.929	ng	98
56) 4-Nitrophenol	14.793	139	228514	94.722	ng	96
57) 2,4-Dinitrotoluene	14.934	165	198593	47.318	ng	97
58) Fluorene	15.604	166	637128	45.211	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.175	232	218434	53.182	ng	95
60) Diethylphthalate	15.381	149	648431	44.721	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	362524	45.769	ng	95
62) 4-Nitroaniline	15.640	138	129735	42.051	ng	98
63) Azobenzene	15.893	77	599481	42.756	ng	97
65) 4,6-Dinitro-2-methylph...	15.698	198	50891	21.140	ng	99
66) n-Nitrosodiphenylamine	15.816	169	554828	43.881	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	245705	46.554	ng	95
68) Hexachlorobenzene	16.598	284	285409	46.308	ng	96
69) Atrazine	16.787	200	219902	52.411	ng	94
70) Pentachlorophenol	16.957	266	388205	101.143	ng	98
71) Phenanthrene	17.351	178	1072875	48.288	ng	100
72) Anthracene	17.445	178	1065700	48.083	ng	99
73) Carbazole	17.722	167	925626	45.971	ng	99
74) Di-n-butylphthalate	18.281	149	1101232	45.234	ng	99
75) Fluoranthene	19.328	202	1449510	53.405	ng	99
77) Benzidine	19.516	184	731036	78.654	ng	99
78) Pyrene	19.681	202	1491366	47.533	ng	100
80) Butylbenzylphthalate	20.569	149	505922	43.179	ng	96
81) Benzo(a)anthracene	21.404	228	1529188	48.865	ng	100
82) 3,3'-Dichlorobenzidine	21.339	252	522199	45.793	ng	98
83) Chrysene	21.457	228	1419551	47.779	ng	100
84) Bis(2-ethylhexyl)phtha...	21.333	149	747028	41.869	ng	99
85) Di-n-octyl phthalate	22.280	149	1339072	42.657	ng	100
87) Indeno(1,2,3-cd)pyrene	26.415	276	1911715	46.595	ng	97
88) Benzo(b)fluoranthene	23.110	252	1582989	46.860	ng	98
89) Benzo(k)fluoranthene	23.163	252	1510820	46.820	ng	98
90) Benzo(a)pyrene	23.745	252	1446327	48.119	ng	98
91) Dibenzo(a,h)anthracene	26.439	278	1532542	45.417	ng	99
92) Benzo(g,h,i)perylene	27.204	276	1496428	43.712	ng	97

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

