

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138838.D
 Acq On : 07 Aug 2024 13:04
 Operator : RC/JU
 Sample : P3440-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 923-K1-WS-080124MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :mohammad ahmed 08/08/2024

Quant Time: Aug 07 13:34:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	44396	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	176593	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	94605	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	144429	20.000	ng	0.00
76) Chrysene-d12	13.998	240	77825	20.000	ng	0.00
86) Perylene-d12	15.457	264	88601	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	186889	64.981	ng	0.00
7) Phenol-d6	6.481	99	155467	40.262	ng	0.00
23) Nitrobenzene-d5	7.410	82	344244	95.307	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	110732	142.891	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	607714	96.516	ng	0.00
79) Terphenyl-d14	12.939	244	495314	106.558	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.651	88	21766	17.286	ng	96
3) Pyridine	3.410	79	54100	17.737	ng	93
4) n-Nitrosodimethylamine	3.357	42	42418	23.350	ng	89
6) Aniline	6.504	93	108741	31.577	ng	98
8) 2-Chlorophenol	6.628	128	126595	41.837	ng	97
9) Benzaldehyde	6.398	77	6875	2.970	ng	91
10) Phenol	6.498	94	66295	16.306	ng	# 46
11) bis(2-Chloroethyl)ether	6.575	93	143175	45.764	ng	99
12) 1,3-Dichlorobenzene	6.781	146	133858	39.519	ng	100
13) 1,4-Dichlorobenzene	6.857	146	137763	40.302	ng	99
14) 1,2-Dichlorobenzene	7.010	146	133942	41.928	ng	99
15) Benzyl Alcohol	6.987	79	101752	36.561	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	237315	44.076	ng	73
17) 2-Methylphenol	7.104	107	86918	34.786	ng	# 84
18) Hexachloroethane	7.345	117	49374	38.372	ng	95
19) n-Nitroso-di-n-propyla...	7.257	70	120116	51.503	ng	99
20) 3+4-Methylphenols	7.257	107	101819	31.760	ng	# 91
22) Acetophenone	7.251	105	206625	47.787	ng	96
24) Nitrobenzene	7.428	77	175122	47.647	ng	99
25) Isophorone	7.663	82	313184	50.779	ng	98
26) 2-Nitrophenol	7.739	139	79890	50.522	ng	95
27) 2,4-Dimethylphenol	7.781	122	93381	49.357	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	183614	48.887	ng	99
29) 2,4-Dichlorophenol	7.986	162	120258	49.466	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	128133	45.671	ng	99
31) Naphthalene	8.145	128	427999	46.045	ng	99
32) Benzoic acid	7.898	122	16423m	11.043	ng	
33) 4-Chloroaniline	8.198	127	100883	32.332	ng	99
34) Hexachlorobutadiene	8.251	225	72898	42.898	ng	99
35) Caprolactam	8.581	113	6768	9.330	ng	90
36) 4-Chloro-3-methylphenol	8.681	107	126133	45.397	ng	99
37) 2-Methylnaphthalene	8.833	142	288403	49.128	ng	99
38) 1-Methylnaphthalene	8.933	142	268808	46.729	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	125691	47.827	ng	99
41) Hexachlorocyclopentadiene	8.980	237	77967	109.293	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	79506	49.619	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	85057	48.557	ng	98
46) 1,1'-Biphenyl	9.298	154	346771	46.802	ng	99
47) 2-Chloronaphthalene	9.322	162	272151	49.387	ng	99
48) 2-Nitroaniline	9.428	65	95994	51.385	ng	99
49) Acenaphthylene	9.739	152	421846	53.975	ng	99
50) Dimethylphthalate	9.604	163	324822	53.697	ng	100
51) 2,6-Dinitrotoluene	9.669	165	70051	51.312	ng	97
52) Acenaphthene	9.910	154	259741	49.439	ng	99
53) 3-Nitroaniline	9.839	138	44570	31.581	ng	99
54) 2,4-Dinitrophenol	9.957	184	56478	89.870	ng	91
55) Dibenzofuran	10.080	168	391268	52.758	ng	99
56) 4-Nitrophenol	10.022	139	18598	21.914	ng	# 82
57) 2,4-Dinitrotoluene	10.075	165	90298	51.843	ng	# 88
58) Fluorene	10.427	166	306309	51.865	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	65117	48.624	ng	95
60) Diethylphthalate	10.298	149	316829	55.238	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	153604	52.883	ng	99
62) 4-Nitroaniline	10.451	138	59083	44.053	ng	89
63) Azobenzene	10.575	77	320652	50.406	ng	97
65) 4,6-Dinitro-2-methylph...	10.486	198	47552	53.966	ng	99
66) n-Nitrosodiphenylamine	10.539	169	250835	55.562	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	84323	53.925	ng	98
68) Hexachlorobenzene	10.974	284	90088	55.798	ng	95
69) Atrazine	11.063	200	68713	58.993	ng	99
70) Pentachlorophenol	11.174	266	58032	79.742	ng	98
71) Phenanthrene	11.386	178	405199	54.485	ng	99
72) Anthracene	11.439	178	412595	56.316	ng	100
73) Carbazole	11.598	167	320223	50.661	ng	99
74) Di-n-butylphthalate	11.916	149	423606	59.615	ng	99
75) Fluoranthene	12.574	202	348181	50.150	ng	98
77) Benzidine	12.698	184	18621	10.004	ng	98
78) Pyrene	12.804	202	345423	47.141	ng	99
80) Butylbenzylphthalate	13.410	149	134308	57.239	ng	99
81) Benzo(a)anthracene	13.986	228	291444	54.382	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	59532	43.408	ng	99
83) Chrysene	14.027	228	252887	52.303	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	185800	54.075	ng	97
85) Di-n-octyl phthalate	14.580	149	318290	50.068	ng	98
87) Indeno(1,2,3-cd)pyrene	16.933	276	300968	47.401	ng	96
88) Benzo(b)fluoranthene	15.033	252	299532	54.536	ng	98
89) Benzo(k)fluoranthene	15.062	252	242390	50.971	ng	99
90) Benzo(a)pyrene	15.398	252	257995	55.844	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	241234	46.283	ng	97
92) Benzo(g,h,i)perylene	17.374	276	220118	40.698	ng	97

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

