

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139038.D
 Acq On : 15 Aug 2024 23:17
 Operator : RC/JU
 Sample : P3573-05MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-856-J-S0-1-1.5-080924MS

Quant Time: Aug 16 00:49:19 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	41126	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	165281	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	90313	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	145618	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	76395	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	81462	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	242031	90.846	ng	0.00
7) Phenol-d6	6.487	99	326113	91.170	ng	0.00
23) Nitrobenzene-d5	7.404	82	209902	62.091	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	65822	88.975	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	368101	61.239	ng	-0.02
79) Terphenyl-d14	12.933	244	280234	61.416	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	49660	42.575	ng	95
3) Pyridine	3.416	79	118747	42.026	ng	92
4) n-Nitrosodimethylamine	3.387	42	95095	56.509	ng	81
6) Aniline	6.504	93	158379	49.649	ng	# 62
8) 2-Chlorophenol	6.628	128	140385	50.083	ng	99
9) Benzaldehyde	6.393	77	105853	49.367	ng	97
10) Phenol	6.498	94	186052	49.401	ng	# 73
11) bis(2-Chloroethyl)ether	6.575	93	134683	46.472	ng	99
12) 1,3-Dichlorobenzene	6.775	146	149560	47.666	ng	98
13) 1,4-Dichlorobenzene	6.851	146	149807	47.310	ng	100
14) 1,2-Dichlorobenzene	7.004	146	143743	48.573	ng	99
15) Benzyl Alcohol	6.987	79	138215	53.612	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	240232	48.166	ng	# 41
17) 2-Methylphenol	7.104	107	113433	49.008	ng	# 87
18) Hexachloroethane	7.340	117	59082	49.568	ng	97
19) n-Nitroso-di-n-propyla...	7.251	70	111344	51.538	ng	96
20) 3+4-Methylphenols	7.257	107	150960	50.833	ng	# 82
22) Acetophenone	7.251	105	210797	52.089	ng	98
24) Nitrobenzene	7.422	77	167636	48.732	ng	98
25) Isophorone	7.663	82	289704	50.187	ng	98
26) 2-Nitrophenol	7.740	139	75564	51.057	ng	94
27) 2,4-Dimethylphenol	7.781	122	107243	60.564	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	167881	47.758	ng	99
29) 2,4-Dichlorophenol	7.987	162	114972	50.528	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	123181	46.911	ng	99
31) Naphthalene	8.140	128	415710	47.783	ng	99
32) Benzoic acid	7.928	122	45018	32.342	ng	89
33) 4-Chloroaniline	8.192	127	92357	31.625	ng	96
34) Hexachlorobutadiene	8.245	225	78512	49.364	ng	99
35) Caprolactam	8.575	113	35425m	52.176	ng	
36) 4-Chloro-3-methylphenol	8.687	107	135172	51.980	ng	98
37) 2-Methylnaphthalene	8.828	142	275772	50.191	ng	100
38) 1-Methylnaphthalene	8.928	142	252514	46.900	ng	98
40) 1,2,4,5-Tetrachloroben...	8.992	216	124273	49.535	ng	97
41) Hexachlorocyclopentadiene	8.975	237	72267	106.319	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	71174	46.530	ng	99

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44) 2,4,5-Trichlorophenol	9.163	196	77522	46.359	ng	99
46) 1,1'-Biphenyl	9.292	154	347565	49.138	ng	98
47) 2-Chloronaphthalene	9.316	162	252912	48.077	ng	99
48) 2-Nitroaniline	9.422	65	95659	53.639	ng	94
49) Acenaphthylene	9.734	152	388065	52.012	ng	99
50) Dimethylphthalate	9.592	163	302944	52.460	ng	99
51) 2,6-Dinitrotoluene	9.663	165	65661	50.383	ng	# 84
52) Acenaphthene	9.904	154	248990	49.645	ng	99
53) 3-Nitroaniline	9.839	138	49015	36.381	ng	98
54) 2,4-Dinitrophenol	9.957	184	52267	87.122	ng	83
55) Dibenzofuran	10.075	168	359295	50.749	ng	96
56) 4-Nitrophenol	10.022	139	60233	74.345	ng	87
57) 2,4-Dinitrotoluene	10.075	165	87279	52.491	ng	# 79
58) Fluorene	10.422	166	288288	51.134	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	62532	48.913	ng	95
60) Diethylphthalate	10.292	149	296462	54.144	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	141903	51.176	ng	98
62) 4-Nitroaniline	10.457	138	63449m	49.557	ng	
63) Azobenzene	10.569	77	309915	51.033	ng	96
65) 4,6-Dinitro-2-methylph...	10.486	198	42129	47.422	ng	94
66) n-Nitrosodiphenylamine	10.533	169	242146	53.199	ng	100
67) 4-Bromophenyl-phenylether	10.898	248	80196	50.867	ng	100
68) Hexachlorobenzene	10.969	284	79821	49.035	ng	99
69) Atrazine	11.057	200	79947	68.078	ng	97
70) Pentachlorophenol	11.175	266	45023	61.361	ng	98
71) Phenanthrene	11.380	178	385884	51.464	ng	100
72) Anthracene	11.433	178	382585	51.794	ng	100
73) Carbazole	11.592	167	302821	47.517	ng	99
74) Di-n-butylphthalate	11.910	149	407674	56.905	ng	99
75) Fluoranthene	12.569	202	315733	45.105	ng	98
77) Benzidine	12.698	184	96350	52.730	ng	98
78) Pyrene	12.798	202	313098	43.529	ng	100
80) Butylbenzylphthalate	13.410	149	127336	55.283	ng	97
81) Benzo(a)anthracene	13.986	228	256541	48.765	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	66030	49.048	ng	97
83) Chrysene	14.027	228	246263	51.887	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	167438	49.643	ng	100
85) Di-n-octyl phthalate	14.569	149	294649	47.217	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	197436	33.820	ng	95
88) Benzo(b)fluoranthene	15.039	252	259912	51.469	ng	97
89) Benzo(k)fluoranthene	15.063	252	236478	54.086	ng	99
90) Benzo(a)pyrene	15.404	252	232945	54.841	ng	98
91) Dibenzo(a,h)anthracene	16.939	278	162031	33.812	ng	98
92) Benzo(g,h,i)perylene	17.380	276	138196	27.790	ng	95

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

