

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139039.D
 Acq On : 15 Aug 2024 23:47
 Operator : RC/JU
 Sample : P3573-05MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Aug 16 00:49:50 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	39294	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	163267	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	89298	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	143290	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	73082	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	76023	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	251354	98.744	ng	0.00
7) Phenol-d6	6.487	99	336661	98.507	ng	0.00
23) Nitrobenzene-d5	7.404	82	218281	65.366	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	69004	94.336	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	382576	64.371	ng	-0.02
79) Terphenyl-d14	12.933	244	296202	67.858	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	50239	45.080	ng	95
3) Pyridine	3.422	79	128378	47.553	ng	94
4) n-Nitrosodimethylamine	3.393	42	98363	61.176	ng	82
6) Aniline	6.504	93	164290	53.903	ng	# 60
8) 2-Chlorophenol	6.628	128	146913	54.856	ng	98
9) Benzaldehyde	6.393	77	109807	53.598	ng	97
10) Phenol	6.498	94	194252	53.984	ng	# 76
11) bis(2-Chloroethyl)ether	6.575	93	137100	49.512	ng	99
12) 1,3-Dichlorobenzene	6.775	146	153279	51.129	ng	98
13) 1,4-Dichlorobenzene	6.851	146	158574	52.414	ng	99
14) 1,2-Dichlorobenzene	7.004	146	147964	52.331	ng	99
15) Benzyl Alcohol	6.987	79	146125	59.322	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	245364	51.488	ng	# 39
17) 2-Methylphenol	7.104	107	117656	53.202	ng	# 87
18) Hexachloroethane	7.340	117	61242	53.776	ng	97
19) n-Nitroso-di-n-propyla...	7.251	70	116345	56.364	ng	97
20) 3+4-Methylphenols	7.257	107	154629	54.496	ng	# 84
22) Acetophenone	7.251	105	215846	53.994	ng	99
24) Nitrobenzene	7.422	77	173965	51.195	ng	99
25) Isophorone	7.663	82	302179	52.994	ng	98
26) 2-Nitrophenol	7.740	139	76274	52.173	ng	90
27) 2,4-Dimethylphenol	7.781	122	110528	63.189	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	172434	49.658	ng	98
29) 2,4-Dichlorophenol	7.987	162	120589	53.650	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	128127	49.396	ng	99
31) Naphthalene	8.140	128	440995	51.315	ng	100
32) Benzoic acid	7.934	122	50231	36.532	ng	92
33) 4-Chloroaniline	8.192	127	90190	31.264	ng	96
34) Hexachlorobutadiene	8.245	225	81572	51.920	ng	97
35) Caprolactam	8.575	113	37941m	56.571	ng	
36) 4-Chloro-3-methylphenol	8.687	107	138794	54.031	ng	98
37) 2-Methylnaphthalene	8.828	142	284386	52.397	ng	98
38) 1-Methylnaphthalene	8.928	142	262690	49.392	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	128058	51.624	ng	98
41) Hexachlorocyclopentadiene	8.975	237	80577	119.003	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	75410	49.860	ng	100

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44) 2,4,5-Trichlorophenol	9.163	196	81034	49.010	ng	97
46) 1,1'-Biphenyl	9.292	154	358638	51.280	ng	99
47) 2-Chloronaphthalene	9.316	162	262748	50.515	ng	99
48) 2-Nitroaniline	9.422	65	98957	56.119	ng	94
49) Acenaphthylene	9.733	152	404292	54.803	ng	99
50) Dimethylphthalate	9.592	163	317510	55.608	ng	100
51) 2,6-Dinitrotoluene	9.663	165	68933	53.494	ng	# 84
52) Acenaphthene	9.904	154	259051	52.238	ng	99
53) 3-Nitroaniline	9.839	138	50642	38.016	ng	96
54) 2,4-Dinitrophenol	9.957	184	56124	94.615	ng	# 84
55) Dibenzofuran	10.075	168	374298	53.469	ng	97
56) 4-Nitrophenol	10.022	139	61786	77.129	ng	83
57) 2,4-Dinitrotoluene	10.075	165	91302	55.535	ng	# 78
58) Fluorene	10.422	166	300013	53.818	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	60859	48.145	ng	93
60) Diethylphthalate	10.292	149	308006	56.892	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	145982	53.246	ng	97
62) 4-Nitroaniline	10.457	138	65191m	51.496	ng	
63) Azobenzene	10.569	77	323287	53.840	ng	96
65) 4,6-Dinitro-2-methylph...	10.486	198	43991	50.322	ng	93
66) n-Nitrosodiphenylamine	10.528	169	255508	57.047	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	82017	52.867	ng	97
68) Hexachlorobenzene	10.969	284	85108	53.132	ng	97
69) Atrazine	11.057	200	83094	71.907	ng	99
70) Pentachlorophenol	11.175	266	50733	70.267	ng	99
71) Phenanthrene	11.380	178	406658	55.115	ng	100
72) Anthracene	11.433	178	407318	56.038	ng	99
73) Carbazole	11.592	167	323331	51.560	ng	98
74) Di-n-butylphthalate	11.910	149	437421	62.049	ng	99
75) Fluoranthene	12.569	202	339723	49.320	ng	98
77) Benzidine	12.698	184	107255	61.359	ng	100
78) Pyrene	12.798	202	335144	48.706	ng	100
80) Butylbenzylphthalate	13.410	149	133815	60.730	ng	97
81) Benzo(a)anthracene	13.986	228	279699	55.578	ng	100
82) 3,3'-Dichlorobenzidine	13.951	252	70169	54.485	ng	99
83) Chrysene	14.027	228	231355	50.955	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	177738	55.085	ng	100
85) Di-n-octyl phthalate	14.568	149	302017	50.591	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	195298	35.847	ng	96
88) Benzo(b)fluoranthene	15.039	252	265847	56.411	ng	97
89) Benzo(k)fluoranthene	15.063	252	241905	59.286	ng	98
90) Benzo(a)pyrene	15.404	252	233141	58.814	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	158502	35.442	ng	98
92) Benzo(g,h,i)perylene	17.380	276	138769	29.902	ng	96

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

