

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
 Data File : BF139167.D
 Acq On : 26 Aug 2024 17:05
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/27/2024
 Supervised By :mohammad ahmed 08/28/2024

Quant Time: Aug 27 02:41:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 02:30:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	103844	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	382499	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	213028	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	378101	20.000	ng	0.00
76) Chrysene-d12	14.045	240	203871	20.000	ng	0.00
86) Perylene-d12	15.515	264	181185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	260416	42.139	ng	0.00
7) Phenol-d6	6.510	99	355235	41.884	ng	-0.01
23) Nitrobenzene-d5	7.451	82	250771	36.321	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	69783	38.248	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	580785	42.350	ng	0.00
79) Terphenyl-d14	12.992	244	561461	42.971	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	59944	20.511	ng	99
3) Pyridine	3.428	79	158650	21.843	ng	99
4) n-Nitrosodimethylamine	3.381	42	85566	20.236	ng	98
6) Aniline	6.557	93	165726	20.845	ng	98
8) 2-Chlorophenol	6.675	128	124100	21.137	ng	99
9) Benzaldehyde	6.440	77	121201	22.831	ng	98
10) Phenol	6.528	94	179714m	20.702	ng	
11) bis(2-Chloroethyl)ether	6.628	93	137677	20.414	ng	99
12) 1,3-Dichlorobenzene	6.834	146	160575	20.739	ng	99
13) 1,4-Dichlorobenzene	6.910	146	159621	20.549	ng	99
14) 1,2-Dichlorobenzene	7.063	146	153132	20.952	ng	98
15) Benzyl Alcohol	7.028	79	135097	21.133	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	206113	21.082	ng	99
17) 2-Methylphenol	7.140	107	113046	21.120	ng	96
18) Hexachloroethane	7.404	117	50662	20.614	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	108580	21.405	ng	98
20) 3+4-Methylphenols	7.292	107	146370	21.438	ng	97
22) Acetophenone	7.298	105	203359	20.692	ng	99
24) Nitrobenzene	7.469	77	140745	19.565	ng	98
25) Isophorone	7.710	82	280474	20.542	ng	100
26) 2-Nitrophenol	7.787	139	31692	18.474	ng	96
27) 2,4-Dimethylphenol	7.822	122	84206	20.808	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	165239	20.903	ng	98
29) 2,4-Dichlorophenol	8.028	162	106882	21.398	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	133997	20.802	ng	99
31) Naphthalene	8.198	128	407720	20.847	ng	99
32) Benzoic acid	7.904	122	41154	19.051	ng	97
33) 4-Chloroaniline	8.239	127	141980	21.065	ng	99
34) Hexachlorobutadiene	8.310	225	86563	20.680	ng	98
35) Caprolactam	8.592	113	29647	19.348	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	118625	20.707	ng	98
37) 2-Methylnaphthalene	8.886	142	258720	21.101	ng	99
38) 1-Methylnaphthalene	8.986	142	252805	21.096	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	132109	20.908	ng	99
41) Hexachlorocyclopentadiene	9.039	237	38312	18.883	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	73013	20.666	ng	99

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44) 2,4,5-Trichlorophenol	9.192	196	78455	21.185	ng	99
46) 1,1'-Biphenyl	9.345	154	324478	21.043	ng	100
47) 2-Chloronaphthalene	9.375	162	256622	20.861	ng	99
48) 2-Nitroaniline	9.463	65	51204	18.216	ng	97
49) Acenaphthylene	9.786	152	364103	21.006	ng	99
50) Dimethylphthalate	9.645	163	262876	21.362	ng	100
51) 2,6-Dinitrotoluene	9.704	165	39001	18.420	ng	93
52) Acenaphthene	9.957	154	234822	20.622	ng	99
53) 3-Nitroaniline	9.875	138	41426	18.434	ng	# 94
54) 2,4-Dinitrophenol	9.975	184	11685	19.556	ng	# 1
55) Dibenzofuran	10.133	168	350829	21.111	ng	99
56) 4-Nitrophenol	10.022	139	33978	19.303	ng	99
57) 2,4-Dinitrotoluene	10.104	165	46208	18.053	ng	96
58) Fluorene	10.475	166	278462	21.239	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	62196	20.955	ng	99
60) Diethylphthalate	10.345	149	251532	21.706	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	136895	21.276	ng	98
62) 4-Nitroaniline	10.480	138	47546	19.375	ng	99
63) Azobenzene	10.628	77	293705	20.849	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	16599	18.799	ng	92
66) n-Nitrosodiphenylamine	10.580	169	229057	20.455	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	81972	20.404	ng	97
68) Hexachlorobenzene	11.016	284	88073	20.257	ng	99
69) Atrazine	11.104	200	58142	23.805	ng	98
70) Pentachlorophenol	11.210	266	46750	18.315	ng	99
71) Phenanthrene	11.433	178	390773	20.452	ng	100
72) Anthracene	11.486	178	384257	20.631	ng	99
73) Carbazole	11.639	167	348106	20.893	ng	99
74) Di-n-butylphthalate	11.974	149	311711	21.586	ng	100
75) Fluoranthene	12.621	202	400550	21.602	ng	99
77) Benzidine	12.745	184	65309	18.984	ng	99
78) Pyrene	12.851	202	404569	21.126	ng	100
80) Butylbenzylphthalate	13.474	149	64257	19.286	ng	99
81) Benzo(a)anthracene	14.033	228	287075	21.252	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	65980	20.979	ng	98
83) Chrysene	14.074	228	244325	20.051	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	66906	20.062	ng	100
85) Di-n-octyl phthalate	14.645	149	116172	19.421	ng	98
87) Indeno(1,2,3-cd)pyrene	16.992	276	254591	20.550	ng	99
88) Benzo(b)fluoranthene	15.086	252	233535	22.034	ng	99
89) Benzo(k)fluoranthene	15.115	252	181511	18.942	ng	98
90) Benzo(a)pyrene	15.457	252	186059	20.682	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	209914	20.673	ng	98
92) Benzo(g,h,i)perylene	17.439	276	216352	20.599	ng	99

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

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