

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134435.D
 Acq On : 24 Jul 2023 18:16
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF072423

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023

Quant Time: Jul 25 01:47:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	54335	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	191695	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	93898	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	189337	20.000	ng	0.00
76) Chrysene-d12	14.033	240	150677	20.000	ng	0.00
86) Perylene-d12	15.533	264	131249	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	271227	82.473	ng	0.00
7) Phenol-d6	6.475	99	324172	80.455	ng	0.00
23) Nitrobenzene-d5	7.404	82	316162	83.445	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	109719	82.241	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	577635	80.759	ng	0.00
79) Terphenyl-d14	12.963	244	697202	80.774	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	54412	39.007	ng	95
3) Pyridine	3.375	79	135850	43.386	ng	100
4) n-Nitrosodimethylamine	3.340	42	79434	42.927	ng	94
6) Aniline	6.504	93	193885	40.828	ng	100
8) 2-Chlorophenol	6.622	128	134489	40.367	ng	99
9) Benzaldehyde	6.392	77	83373	38.639	ng	100
10) Phenol	6.492	94	168231	40.129	ng	98
11) bis(2-Chloroethyl)ether	6.575	93	117071	40.002	ng	95
12) 1,3-Dichlorobenzene	6.775	146	143108	39.945	ng	100
13) 1,4-Dichlorobenzene	6.851	146	149563	40.566	ng	98
14) 1,2-Dichlorobenzene	7.004	146	138934	40.116	ng	97
15) Benzyl Alcohol	6.981	79	124866	40.137	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.110	45	176296	40.906	ng	97
17) 2-Methylphenol	7.092	107	116240	39.121	ng	99
18) Hexachloroethane	7.339	117	55467	39.159	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	97024	38.681	ng	98
20) 3+4-Methylphenols	7.245	107	149474	39.291	ng	95
22) Acetophenone	7.245	105	192226	40.320	ng	97
24) Nitrobenzene	7.422	77	153989	40.867	ng	98
25) Isophorone	7.657	82	253233	40.103	ng	99
26) 2-Nitrophenol	7.734	139	70973	40.952	ng	100
27) 2,4-Dimethylphenol	7.769	122	113306	41.429	ng	95
28) bis(2-Chloroethoxy)met...	7.863	93	142251	40.472	ng	99
29) 2,4-Dichlorophenol	7.975	162	110924	40.572	ng	96
30) 1,2,4-Trichlorobenzene	8.057	180	118125	40.054	ng	98
31) Naphthalene	8.134	128	383013	40.147	ng	99
32) Benzoic acid	7.892	122	76207	41.715	ng	# 72
33) 4-Chloroaniline	8.192	127	159941	40.558	ng	100
34) Hexachlorobutadiene	8.245	225	79406	40.192	ng	99
35) Caprolactam	8.563	113	34096	40.785	ng	93
36) 4-Chloro-3-methylphenol	8.675	107	127291	40.350	ng	97
37) 2-Methylnaphthalene	8.828	142	265184	40.005	ng	100
38) 1-Methylnaphthalene	8.928	142	246692	40.115	ng	97
40) 1,2,4,5-Tetrachloroben...	8.992	216	121906	40.968	ng	98
41) Hexachlorocyclopentadiene	8.975	237	31925	41.716	ng	95
43) 2,4,6-Trichlorophenol	9.110	196	77371	40.531	ng	99

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44) 2,4,5-Trichlorophenol	9.157	196	89439	40.214	ng	98
46) 1,1'-Biphenyl	9.292	154	312434	40.371	ng	99
47) 2-Chloronaphthalene	9.316	162	230301	40.366	ng	97
48) 2-Nitroaniline	9.422	65	86430	42.063	ng	95
49) Acenaphthylene	9.733	152	387631	40.216	ng	99
50) Dimethylphthalate	9.592	163	278812	40.055	ng	98
51) 2,6-Dinitrotoluene	9.663	165	61139	40.030	ng	94
52) Acenaphthene	9.904	154	233847	41.070	ng	99
53) 3-Nitroaniline	9.833	138	72844	41.598	ng	92
54) 2,4-Dinitrophenol	9.951	184	26897	37.380	ng	94
55) Dibenzofuran	10.080	168	352918	40.272	ng	99
56) 4-Nitrophenol	10.004	139	36653	39.250	ng	97
57) 2,4-Dinitrotoluene	10.075	165	85471	41.664	ng	96
58) Fluorene	10.422	166	285543	40.390	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	69266m	40.536	ng	
60) Diethylphthalate	10.292	149	288724	40.064	ng	97
61) 4-Chlorophenyl-phenyle...	10.416	204	136697	40.476	ng	97
62) 4-Nitroaniline	10.451	138	74374m	41.397	ng	
63) Azobenzene	10.575	77	268799	40.522	ng	94
65) 4,6-Dinitro-2-methylph...	10.486	198	44320	40.807	ng	94
66) n-Nitrosodiphenylamine	10.533	169	242240	40.214	ng	97
67) 4-Bromophenyl-phenylether	10.904	248	82750	39.890	ng	# 90
68) Hexachlorobenzene	10.975	284	94329	40.380	ng	98
69) Atrazine	11.063	200	70061	41.716	ng	98
70) Pentachlorophenol	11.175	266	39806	40.604	ng	97
71) Phenanthrene	11.392	178	397618	40.194	ng	99
72) Anthracene	11.445	178	415714	40.715	ng	99
73) Carbazole	11.604	167	393414	40.918	ng	99
74) Di-n-butylphthalate	11.927	149	440899	39.947	ng	99
75) Fluoranthene	12.592	202	472182	40.955	ng	99
77) Benzidine	12.716	184	124160	38.592	ng	99
78) Pyrene	12.821	202	487618	40.700	ng	99
80) Butylbenzylphthalate	13.439	149	196621	40.971	ng	98
81) Benzo(a)anthracene	14.021	228	418909	39.849	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	127327	38.241	ng	99
83) Chrysene	14.057	228	410445	40.820	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	238928	40.980	ng	97
85) Di-n-octyl phthalate	14.621	149	325349	40.155	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	359192	41.890	ng	100
88) Benzo(b)fluoranthene	15.092	252	318704	38.814	ng	98
89) Benzo(k)fluoranthene	15.121	252	335553	41.555	ng	99
90) Benzo(a)pyrene	15.468	252	310144	40.864	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	291582	42.108	ng	97
92) Benzo(g,h,i)perylene	17.551	276	304556	42.833	ng	98

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

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