

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013024\
 Data File : BF137199.D
 Acq On : 30 Jan 2024 16:29
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF013024

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024

Supervised By :Sohil Jodhani 01/31/2024

Quant Time: Jan 31 04:57:43 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jan 31 04:56:22 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	55483	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	214653	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	126407	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	242307	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	139880	20.000	ng	0.00
86) Perylene-d12	15.457	264	122951	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	296311	88.124	ng	0.00
7) Phenol-d6	6.428	99	402340	83.846	ng	0.00
23) Nitrobenzene-d5	7.357	82	407115	84.915	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	118136	82.753	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	740080	80.483	ng	0.00
79) Terphenyl-d14	12.922	244	871896	84.737	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.540	88	72047	40.045	ng	98
3) Pyridine	3.293	79	150481	41.735	ng	97
4) n-Nitrosodimethylamine	3.257	42	70062	39.448	ng	98
6) Aniline	6.457	93	231755	45.117	ng	99
8) 2-Chlorophenol	6.575	128	158916	42.269	ng	99
9) Benzaldehyde	6.346	77	86805	47.501	ng	95
10) Phenol	6.440	94	225184	42.042	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	145473	40.640	ng	99
12) 1,3-Dichlorobenzene	6.734	146	179737	40.775	ng	97
13) 1,4-Dichlorobenzene	6.810	146	186952	41.009	ng	99
14) 1,2-Dichlorobenzene	6.963	146	171678	40.277	ng	99
15) Benzyl Alcohol	6.934	79	154861	45.426	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	254806	39.517	ng	99
17) 2-Methylphenol	7.045	107	137611	43.812	ng	95
18) Hexachloroethane	7.304	117	65208	39.660	ng	98
19) n-Nitroso-di-n-propyla...	7.210	70	134972	41.023	ng	99
20) 3+4-Methylphenols	7.198	107	174124	43.792	ng	98
22) Acetophenone	7.204	105	247778	42.877	ng	97
24) Nitrobenzene	7.375	77	197787	42.504	ng	99
25) Isophorone	7.610	82	361324	40.830	ng	95
26) 2-Nitrophenol	7.687	139	73978	41.417	ng	# 86
27) 2,4-Dimethylphenol	7.728	122	105817	41.834	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	196878	41.894	ng	99
29) 2,4-Dichlorophenol	7.928	162	136201	43.405	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	158645	40.702	ng	98
31) Naphthalene	8.092	128	476751	41.084	ng	99
32) Benzoic acid	7.845	122	70350m	41.117	ng	
33) 4-Chloroaniline	8.145	127	175660	44.007	ng	99
34) Hexachlorobutadiene	8.210	225	103767	40.039	ng	99
35) Caprolactam	8.516	113	42652	43.714	ng	96
36) 4-Chloro-3-methylphenol	8.622	107	157381	42.464	ng	99
37) 2-Methylnaphthalene	8.787	142	320195	41.157	ng	100
38) 1-Methylnaphthalene	8.887	142	300822	41.631	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	170328	40.270	ng	99
41) Hexachlorocyclopentadiene	8.939	237	86640	43.007	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	105706	44.061	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	112475	42.891	ng	98
46) 1,1'-Biphenyl	9.251	154	409455	40.712	ng	99
47) 2-Chloronaphthalene	9.275	162	302967	40.705	ng	99
48) 2-Nitroaniline	9.375	65	108754	45.145	ng	98
49) Acenaphthylene	9.692	152	487617	40.923	ng	99
50) Dimethylphthalate	9.557	163	350802	41.079	ng	99
51) 2,6-Dinitrotoluene	9.616	165	77689	42.663	ng	95
52) Acenaphthene	9.863	154	281493m	40.196	ng	
53) 3-Nitroaniline	9.786	138	76713	46.812	ng	98
54) 2,4-Dinitrophenol	9.886	184	27698	40.783	ng	98
55) Dibenzofuran	10.039	168	449973	40.387	ng	98
56) 4-Nitrophenol	9.945	139	53188	41.747	ng	95
57) 2,4-Dinitrotoluene	10.022	165	106685	45.151	ng	85
58) Fluorene	10.381	166	348748	39.928	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	103063m	42.240	ng	
60) Diethylphthalate	10.263	149	346267	41.181	ng	98
61) 4-Chlorophenyl-phenyle...	10.375	204	173979	40.073	ng	98
62) 4-Nitroaniline	10.404	138	73253	46.700	ng	99
63) Azobenzene	10.539	77	374913	40.259	ng	95
65) 4,6-Dinitro-2-methylph...	10.428	198	51893	41.290	ng	86
66) n-Nitrosodiphenylamine	10.498	169	304608	41.344	ng	97
67) 4-Bromophenyl-phenylether	10.869	248	113630	42.648	ng	98
68) Hexachlorobenzene	10.928	284	123816	41.605	ng	# 92
69) Atrazine	11.028	200	104166	42.829	ng	97
70) Pentachlorophenol	11.122	266	73511	43.090	ng	97
71) Phenanthrene	11.345	178	524704	41.364	ng	100
72) Anthracene	11.398	178	549804	41.584	ng	99
73) Carbazole	11.557	167	471309	42.654	ng	99
74) Di-n-butylphthalate	11.898	149	516111	43.210	ng	99
75) Fluoranthene	12.539	202	555703	41.865	ng	99
77) Benzidine	12.669	184	123084	49.140	ng	99
78) Pyrene	12.769	202	565034	42.033	ng	99
80) Butylbenzylphthalate	13.404	149	158117	45.981	ng	94
81) Benzo(a)anthracene	13.963	228	411247	41.513	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	109460	40.556	ng	97
83) Chrysene	14.004	228	388992	39.941	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	181437	45.351	ng	99
85) Di-n-octyl phthalate	14.592	149	252157	39.640	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	388822	45.013	ng	99
88) Benzo(b)fluoranthene	15.021	252	318041	42.061	ng	100
89) Benzo(k)fluoranthene	15.051	252	297946	37.248	ng	100
90) Benzo(a)pyrene	15.392	252	291599	40.979	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	310175	44.814	ng	98
92) Benzo(g,h,i)perylene	17.410	276	306744	45.155	ng	98

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

