

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
 Data File : BF140959.D
 Acq On : 20 Dec 2024 19:24
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 20 22:00:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	66227	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	248513	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	146137	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	291861	20.000	ng	0.00
76) Chrysene-d12	14.027	240	207326	20.000	ng	0.00
86) Perylene-d12	15.516	264	184556	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	318577	79.188	ng	0.00
7) Phenol-d6	6.504	99	421997	79.195	ng	0.00
23) Nitrobenzene-d5	7.422	82	386452	77.801	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	135717	78.522	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	811564	76.352	ng	0.00
79) Terphenyl-d14	12.957	244	1001326	76.158	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.605	88	65032	37.529	ng	98
3) Pyridine	3.387	79	154925	38.605	ng	97
4) n-Nitrosodimethylamine	3.346	42	74446	36.798	ng	95
6) Aniline	6.522	93	175414	38.501	ng	98
8) 2-Chlorophenol	6.646	128	177168	40.383	ng	99
9) Benzaldehyde	6.410	77	118899	40.271	ng	98
10) Phenol	6.516	94	218889	39.635	ng	94
11) bis(2-Chloroethyl)ether	6.587	93	157329	38.200	ng	99
12) 1,3-Dichlorobenzene	6.787	146	195796	39.166	ng	98
13) 1,4-Dichlorobenzene	6.869	146	199400	39.295	ng	99
14) 1,2-Dichlorobenzene	7.022	146	186168	38.884	ng	99
15) Benzyl Alcohol	7.004	79	149510	39.242	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	174534	35.973	ng	80
17) 2-Methylphenol	7.122	107	141105	40.286	ng	98
18) Hexachloroethane	7.351	117	71272	37.728	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	121188	37.915	ng	98
20) 3+4-Methylphenols	7.275	107	183332	39.472	ng	# 85
22) Acetophenone	7.263	105	244338	39.304	ng	96
24) Nitrobenzene	7.440	77	198770	39.061	ng	96
25) Isophorone	7.675	82	313176	37.629	ng	99
26) 2-Nitrophenol	7.751	139	96414	41.138	ng	99
27) 2,4-Dimethylphenol	7.793	122	109542	40.022	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	195305	37.572	ng	98
29) 2,4-Dichlorophenol	8.004	162	150227	39.755	ng	99
30) 1,2,4-Trichlorobenzene	8.075	180	168994	39.012	ng	99
31) Naphthalene	8.151	128	539862	39.547	ng	100
32) Benzoic acid	7.957	122	105192	40.523	ng	97
33) 4-Chloroaniline	8.210	127	180741	39.864	ng	97
34) Hexachlorobutadiene	8.263	225	112071	38.453	ng	99
35) Caprolactam	8.592	113	48736	43.322	ng	95
36) 4-Chloro-3-methylphenol	8.704	107	171340	40.286	ng	98
37) 2-Methylnaphthalene	8.845	142	354629	39.272	ng	99
38) 1-Methylnaphthalene	8.940	142	353547	39.588	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	176578	39.312	ng	99
41) Hexachlorocyclopentadiene	8.987	237	26032	28.674	ng	98
43) 2,4,6-Trichlorophenol	9.134	196	103055	37.469	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	113791	37.641	ng	99
46) 1,1'-Biphenyl	9.304	154	451267	38.834	ng	99
47) 2-Chloronaphthalene	9.334	162	347940	39.139	ng	99
48) 2-Nitroaniline	9.439	65	105740	39.384	ng	95
49) Acenaphthylene	9.751	152	522615	40.003	ng	99
50) Dimethylphthalate	9.604	163	394835	38.322	ng	100
51) 2,6-Dinitrotoluene	9.681	165	93666	39.767	ng	94
52) Acenaphthene	9.922	154	331006	39.664	ng	100
53) 3-Nitroaniline	9.857	138	96968	41.485	ng	96
54) 2,4-Dinitrophenol	9.981	184	46064	43.346	ng	95
55) Dibenzofuran	10.092	168	499757	38.647	ng	100
56) 4-Nitrophenol	10.051	139	44580	37.930	ng	99
57) 2,4-Dinitrotoluene	10.092	165	125320	40.439	ng	98
58) Fluorene	10.434	166	416576	39.048	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	92785	37.667	ng	94
60) Diethylphthalate	10.304	149	395324	37.002	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	203526	37.979	ng	98
62) 4-Nitroaniline	10.475	138	104090m	42.614	ng	
63) Azobenzene	10.586	77	368436	36.682	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	67642	40.900	ng	96
66) n-Nitrosodiphenylamine	10.545	169	353375	39.380	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	124736	38.203	ng	96
68) Hexachlorobenzene	10.986	284	143941	38.882	ng	99
69) Atrazine	11.069	200	84689	33.792	ng	100
70) Pentachlorophenol	11.198	266	43771	32.340	ng	99
71) Phenanthrene	11.404	178	595675	39.689	ng	100
72) Anthracene	11.457	178	580319	39.262	ng	100
73) Carbazole	11.616	167	585180	40.420	ng	100
74) Di-n-butylphthalate	11.928	149	646754	38.065	ng	99
75) Fluoranthene	12.598	202	711196	41.145	ng	99
77) Benzidine	12.722	184	184675	43.643	ng	99
78) Pyrene	12.827	202	715402	38.803	ng	100
80) Butylbenzylphthalate	13.427	149	266719	39.317	ng	98
81) Benzo(a)anthracene	14.022	228	582184	39.621	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	179769	40.550	ng	98
83) Chrysene	14.057	228	508731	38.074	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	327711	37.465	ng	99
85) Di-n-octyl phthalate	14.604	149	439301	33.196	ng	98
87) Indeno(1,2,3-cd)pyrene	17.033	276	445783	38.707	ng	100
88) Benzo(b)fluoranthene	15.080	252	504436	39.375	ng	99
89) Benzo(k)fluoranthene	15.110	252	400757	36.468	ng	99
90) Benzo(a)pyrene	15.457	252	380341	37.915	ng	100
91) Dibenzo(a,h)anthracene	17.033	278	367688	38.537	ng	98
92) Benzo(g,h,i)perylene	17.492	276	360772	37.152	ng	100

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

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