

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137206.D
 Acq On : 31 Jan 2024 13:05
 Operator : CG\JU
 Sample : P1276-05MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-38MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

02/01/2024
 Supervised By :Sohil
 Jodhani

Quant Time: Feb 01 01:13:02 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	6.792	152	59344	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	220015	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	123387	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	221196	20.000	ng	0.00
76) Chrysene-d12	13.968	240	153614	20.000	ng	0.00
86) Perylene-d12	15.451	264	187297	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	353582	98.315	ng	0.01
7) Phenol-d6	6.428	99	464832	90.567	ng	0.00
23) Nitrobenzene-d5	7.351	82	312294	63.550	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	132658	95.199	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	560236	62.417	ng	0.00
79) Terphenyl-d14	12.916	244	578881	51.229	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.604	88	61526	31.973	ng	98
3) Pyridine	3.357	79	140901	36.914	ng	99
4) n-Nitrosodimethylamine	3.322	42	73092	38.625	ng	96
6) Aniline	6.457	93	150634	27.417	ng	95
8) 2-Chlorophenol	6.575	128	160203	39.839	ng	97
9) Benzaldehyde	6.345	77	64671	33.087	ng	97
10) Phenol	6.439	94	211976	37.001	ng	98
11) bis(2-Chloroethyl)ether	6.534	93	160148	41.829	ng	97
12) 1,3-Dichlorobenzene	6.734	146	177532	37.655	ng	99
13) 1,4-Dichlorobenzene	6.810	146	187699	38.494	ng	96
14) 1,2-Dichlorobenzene	6.957	146	171775	37.678	ng	98
15) Benzyl Alcohol	6.934	79	159848	43.838	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.063	45	247370	35.868	ng	99
17) 2-Methylphenol	7.045	107	134149	39.931	ng	98
18) Hexachloroethane	7.304	117	65432	37.207	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	130739	37.152	ng	97
20) 3+4-Methylphenols	7.198	107	164797	38.750	ng	92
22) Acetophenone	7.204	105	239731	40.474	ng	# 94
24) Nitrobenzene	7.375	77	193165	40.499	ng	96
25) Isophorone	7.610	82	355369	39.178	ng	97
26) 2-Nitrophenol	7.686	139	77503	42.279	ng	92
27) 2,4-Dimethylphenol	7.728	122	106529	41.089	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	198370	41.183	ng	98
29) 2,4-Dichlorophenol	7.928	162	132967	41.342	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	156758	39.238	ng	99
31) Naphthalene	8.092	128	464052	39.015	ng	99
32) Benzoic acid	7.845	122	60095	35.748	ng	91
33) 4-Chloroaniline	8.145	127	58620	14.328	ng	95
34) Hexachlorobutadiene	8.210	225	105574	39.743	ng	96
35) Caprolactam	8.504	113	38662m	38.659	ng	
36) 4-Chloro-3-methylphenol	8.622	107	149438	39.338	ng	96
37) 2-Methylnaphthalene	8.781	142	309659	38.833	ng	98
38) 1-Methylnaphthalene	8.880	142	292281	39.463	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	166518	40.332	ng	99
41) Hexachlorocyclopentadiene	8.939	237	198716	101.055	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	100113	42.751	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	105946	41.390	ng	99
46) 1,1'-Biphenyl	9.251	154	401254	40.873	ng	97
47) 2-Chloronaphthalene	9.275	162	292433	40.251	ng	98
48) 2-Nitroaniline	9.369	65	98431	41.859	ng	94
49) Acenaphthylene	9.686	152	461663	39.693	ng	100
50) Dimethylphthalate	9.557	163	337098	40.440	ng	99
51) 2,6-Dinitrotoluene	9.616	165	74235	41.764	ng	88
52) Acenaphthene	9.863	154	280923	41.096	ng	99
53) 3-Nitroaniline	9.780	138	38861	24.294	ng	95
54) 2,4-Dinitrophenol	9.886	184	65681	82.570	ng	91
55) Dibenzofuran	10.033	168	428992	39.446	ng	100
56) 4-Nitrophenol	9.945	139	97226	80.538	ng	97
57) 2,4-Dinitrotoluene	10.016	165	94540	40.991	ng	97
58) Fluorene	10.380	166	326388	38.282	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	92342m	38.772	ng	
60) Diethylphthalate	10.257	149	333318	40.611	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	165299	39.005	ng	99
62) 4-Nitroaniline	10.404	138	62862	41.057	ng	98
63) Azobenzene	10.533	77	353340	38.872	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	48853	42.411	ng	93
66) n-Nitrosodiphenylamine	10.492	169	280783	41.748	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	105537	43.391	ng	94
68) Hexachlorobenzene	10.922	284	111401	41.006	ng	95
69) Atrazine	11.027	200	94054	42.362	ng	98
70) Pentachlorophenol	11.122	266	130384	83.721	ng	97
71) Phenanthrene	11.345	178	467571	40.378	ng	100
72) Anthracene	11.392	178	483914	40.093	ng	99
73) Carbazole	11.551	167	395921	39.251	ng	99
74) Di-n-butylphthalate	11.892	149	481875	44.194	ng	99
75) Fluoranthene	12.533	202	487251	40.211	ng	99
77) Benzidine	12.668	184	138347	50.295	ng	99
78) Pyrene	12.763	202	491525	33.296	ng	99
80) Butylbenzylphthalate	13.398	149	178857	47.362	ng	94
81) Benzo(a)anthracene	13.963	228	452597	41.603	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	92215	31.112	ng	96
83) Chrysene	13.998	228	436771	40.837	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	254545	57.937	ng	97
85) Di-n-octyl phthalate	14.586	149	457170	65.443	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	538647	40.935	ng	99
88) Benzo(b)fluoranthene	15.021	252	453388	39.362	ng	99
89) Benzo(k)fluoranthene	15.051	252	447353	36.712	ng	98
90) Benzo(a)pyrene	15.392	252	415964	38.374	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	435985	41.350	ng	99
92) Benzo(g,h,i)perylene	17.409	276	414662	40.070	ng	99

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

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