

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110124\
 Data File : BF140209.D
 Acq On : 01 Nov 2024 14:27
 Operator : RC/JU
 Sample : P4663-08MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RES-BUILDING-PAD-NO-2MS

Quant Time: Nov 01 14:53:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	109344	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	436831	20.000	ng	-0.01
39) Acenaphthene-d10	9.928	164	250775	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	453631	20.000	ng	0.00
76) Chrysene-d12	14.074	240	223586	20.000	ng	0.02
86) Perylene-d12	15.568	264	232464	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	724961	103.793	ng	0.01
7) Phenol-d6	6.510	99	940607	103.977	ng	0.00
23) Nitrobenzene-d5	7.445	82	641831	81.433	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	260711	111.146	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1151750	75.904	ng	0.00
79) Terphenyl-d14	13.010	244	1184293	86.311	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.752	88	129899	39.888	ng	98
3) Pyridine	3.504	79	324457	40.195	ng	96
4) n-Nitrosodimethylamine	3.457	42	206659	47.651	ng	# 91
6) Aniline	6.545	93	340812	40.424	ng	97
8) 2-Chlorophenol	6.669	128	365786	51.227	ng	98
9) Benzaldehyde	6.434	77	64850	12.743	ng	98
10) Phenol	6.528	94	467149m	50.090	ng	
11) bis(2-Chloroethyl)ether	6.622	93	355594	49.330	ng	98
12) 1,3-Dichlorobenzene	6.828	146	390215	47.607	ng	100
13) 1,4-Dichlorobenzene	6.904	146	392139	47.886	ng	100
14) 1,2-Dichlorobenzene	7.051	146	375795	49.170	ng	100
15) Benzyl Alcohol	7.022	79	351797	53.015	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	638462	51.943	ng	99
17) 2-Methylphenol	7.134	107	310623	51.017	ng	97
18) Hexachloroethane	7.398	117	142700	48.867	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	276540	50.403	ng	99
20) 3+4-Methylphenols	7.287	107	376610	48.359	ng	# 77
22) Acetophenone	7.292	105	510174	47.682	ng	97
24) Nitrobenzene	7.463	77	421988	48.833	ng	99
25) Isophorone	7.704	82	763314	51.026	ng	99
26) 2-Nitrophenol	7.781	139	195206	59.879	ng	98
27) 2,4-Dimethylphenol	7.816	122	308534	56.758	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	445939	49.202	ng	99
29) 2,4-Dichlorophenol	8.022	162	310304	50.117	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	317160	46.293	ng	99
31) Naphthalene	8.187	128	1093246	48.526	ng	100
32) Benzoic acid	7.934	122	220440	46.495	ng	100
33) 4-Chloroaniline	8.234	127	162025	21.091	ng	99
34) Hexachlorobutadiene	8.304	225	211631	49.163	ng	98
35) Caprolactam	8.610	113	103436m	52.539	ng	
36) 4-Chloro-3-methylphenol	8.716	107	349680	51.004	ng	99
37) 2-Methylnaphthalene	8.881	142	694334	50.322	ng	100
38) 1-Methylnaphthalene	8.981	142	644168	47.585	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	331887	49.056	ng	99
41) Hexachlorocyclopentadiene	9.034	237	382117	162.321	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	242443	50.615	ng	99

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44) 2,4,5-Trichlorophenol	9.204	196	241760	48.921	ng	99
46) 1,1'-Biphenyl	9.345	154	845728	48.445	ng	99
47) 2-Chloronaphthalene	9.369	162	669578	47.621	ng	98
48) 2-Nitroaniline	9.469	65	247721	57.605	ng	98
49) Acenaphthylene	9.792	152	1054552	51.878	ng	99
50) Dimethylphthalate	9.651	163	803664	51.450	ng	100
51) 2,6-Dinitrotoluene	9.710	165	176490	52.184	ng	96
52) Acenaphthene	9.963	154	734613	55.865	ng	99
53) 3-Nitroaniline	9.881	138	120242	34.475	ng	96
54) 2,4-Dinitrophenol	9.992	184	186032	128.114	ng	# 1
55) Dibenzofuran	10.139	168	919276	48.725	ng	99
56) 4-Nitrophenol	10.045	139	284253	105.933	ng	93
57) 2,4-Dinitrotoluene	10.122	165	243168	58.467	ng	96
58) Fluorene	10.480	166	713514	49.653	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	201098	51.908	ng	99
60) Diethylphthalate	10.357	149	792783	51.692	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	359435	49.530	ng	98
62) 4-Nitroaniline	10.504	138	177917	54.011	ng	96
63) Azobenzene	10.633	77	941594	57.911	ng	96
65) 4,6-Dinitro-2-methylph...	10.528	198	128815	69.617	ng	98
66) n-Nitrosodiphenylamine	10.592	169	661283	48.706	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	230172	49.253	ng	97
68) Hexachlorobenzene	11.028	284	250093	47.584	ng	98
69) Atrazine	11.122	200	219710	59.739	ng	99
70) Pentachlorophenol	11.227	266	300666	94.258	ng	99
71) Phenanthrene	11.445	178	1043455	48.697	ng	100
72) Anthracene	11.498	178	1057230	50.569	ng	100
73) Carbazole	11.651	167	926239	47.637	ng	99
74) Di-n-butylphthalate	11.980	149	1188190	52.893	ng	100
75) Fluoranthene	12.639	202	1039398	47.983	ng	99
77) Benzidine	12.763	184	323149	87.896	ng	98
78) Pyrene	12.869	202	1044880	53.389	ng	100
80) Butylbenzylphthalate	13.486	149	434089	73.982	ng	96
81) Benzo(a)anthracene	14.063	228	727202	49.963	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	168586	39.727	ng	97
83) Chrysene	14.098	228	683337	51.206	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	546086	82.954	ng	99
85) Di-n-octyl phthalate	14.668	149	775336	64.753	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	765016	51.155	ng	98
88) Benzo(b)fluoranthene	15.127	252	713676	50.398	ng	100
89) Benzo(k)fluoranthene	15.157	252	573519	46.962	ng	100
90) Benzo(a)pyrene	15.504	252	630220	54.087	ng	100
91) Dibenzo(a,h)anthracene	17.121	278	624384	50.048	ng	98
92) Benzo(g,h,i)perylene	17.562	276	554578	44.503	ng	98

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

