

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
 Data File : BF134372.D
 Acq On : 19 Jul 2023 22:31
 Operator : CG\JU
 Sample : 03639-21MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP5MS

Quant Time: Jul 20 00:46:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

Supervised By :mohammad
 ahmed
 07/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	72669	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	273881	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	126263	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	218121	20.000	ng	0.00
76) Chrysene-d12	14.033	240	144875	20.000	ng	0.00
86) Perylene-d12	15.533	264	118849	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	365066	84.035	ng	0.01
7) Phenol-d6	6.487	99	436610	81.723	ng	0.00
23) Nitrobenzene-d5	7.404	82	291053	57.285	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	132537	83.721	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	551986	63.560	ng	-0.01
79) Terphenyl-d14	12.963	244	484446	53.817	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	71390	39.855	ng	98
3) Pyridine	3.463	79	163604	35.065	ng	97
4) n-Nitrosodimethylamine	3.434	42	115765	43.442	ng	97
6) Aniline	6.504	93	248179	38.174	ng	# 72
8) 2-Chlorophenol	6.628	128	210690	47.776	ng	98
9) Benzaldehyde	6.392	77	124435	43.332	ng	95
10) Phenol	6.498	94	249746	44.460	ng	78
11) bis(2-Chloroethyl)ether	6.575	93	191207	46.235	ng	97
12) 1,3-Dichlorobenzene	6.781	146	231374	49.213	ng	98
13) 1,4-Dichlorobenzene	6.857	146	237032	49.915	ng	99
14) 1,2-Dichlorobenzene	7.004	146	221018	49.696	ng	99
15) Benzyl Alcohol	6.987	79	193386	46.954	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.110	45	287654	39.317	ng	74
17) 2-Methylphenol	7.098	107	169472	42.915	ng	94
18) Hexachloroethane	7.345	117	81965	46.550	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	155960	46.032	ng	94
20) 3+4-Methylphenols	7.251	107	213166	44.495	ng	96
22) Acetophenone	7.251	105	302399	48.549	ng	# 95
24) Nitrobenzene	7.422	77	231686	45.126	ng	93
25) Isophorone	7.663	82	405232	43.885	ng	99
26) 2-Nitrophenol	7.739	139	109653	44.520	ng	96
27) 2,4-Dimethylphenol	7.781	122	178063	45.672	ng	95
28) bis(2-Chloroethoxy)met...	7.869	93	233980	43.761	ng	98
29) 2,4-Dichlorophenol	7.981	162	170689	44.151	ng	96
30) 1,2,4-Trichlorobenzene	8.057	180	189324	47.460	ng	97
31) Naphthalene	8.139	128	578944	43.762	ng	99
32) Benzoic acid	7.916	122	115296m	39.466	ng	
33) 4-Chloroaniline	8.192	127	132939	23.492	ng	99
34) Hexachlorobutadiene	8.251	225	130595	51.898	ng	100
35) Caprolactam	8.575	113	52787m	41.469	ng	
36) 4-Chloro-3-methylphenol	8.681	107	192971	44.432	ng	94
37) 2-Methylnaphthalene	8.833	142	381114	40.738	ng	97
38) 1-Methylnaphthalene	8.933	142	357714	41.131	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	186084	49.745	ng	98
41) Hexachlorocyclopentadiene	8.981	237	34645	19.522	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	118822	46.661	ng	98

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44) 2,4,5-Trichlorophenol	9.163	196	127939	42.712	ng	96	07/20/2023
46) 1,1'-Biphenyl	9.298	154	482812	47.669	ng	98	Supervised By :mohammad ahmed
47) 2-Chloronaphthalene	9.322	162	347743	46.925	ng	96	
48) 2-Nitroaniline	9.428	65	120780	44.721	ng	96	
49) Acenaphthylene	9.739	152	542050	42.819	ng	99	
50) Dimethylphthalate	9.598	163	435454	47.510	ng	100	
51) 2,6-Dinitrotoluene	9.669	165	87904	44.529	ng	93	07/20/2023
52) Acenaphthene	9.910	154	329542	44.863	ng	99	
53) 3-Nitroaniline	9.839	138	85105	35.936	ng	96	
54) 2,4-Dinitrophenol	9.951	184	29199	28.239	ng	85	
55) Dibenzofuran	10.086	168	491246	42.792	ng	99	
56) 4-Nitrophenol	10.016	139	118465	71.513	ng	93	
57) 2,4-Dinitrotoluene	10.080	165	110944	42.556	ng	# 89	
58) Fluorene	10.427	166	389556	43.617	ng	100	
59) 2,3,4,6-Tetrachlorophenol	10.204	232	95070m	40.237	ng		
60) Diethylphthalate	10.304	149	449518	47.075	ng	99	
61) 4-Chlorophenyl-phenyle...	10.422	204	197967	45.995	ng	97	
62) 4-Nitroaniline	10.457	138	81202	34.023	ng	90	
63) Azobenzene	10.580	77	369441	40.901	ng	97	
65) 4,6-Dinitro-2-methylph...	10.492	198	25227	21.214	ng	96	
66) n-Nitrosodiphenylamine	10.539	169	341867	49.055	ng	99	
67) 4-Bromophenyl-phenylether	10.910	248	117038	50.483	ng	93	
68) Hexachlorobenzene	10.980	284	128603	52.245	ng	92	
69) Atrazine	11.074	200	110758	57.456	ng	94	
70) Pentachlorophenol	11.180	266	104957	71.312	ng	96	
71) Phenanthrene	11.398	178	481369	43.838	ng	100	
72) Anthracene	11.451	178	489529	42.862	ng	98	
73) Carbazole	11.610	167	453642	43.395	ng	98	
74) Di-n-butylphthalate	11.933	149	625710	50.333	ng	100	
75) Fluoranthene	12.592	202	506685	42.683	ng	97	
77) Benzidine	12.721	184	310639	90.113	ng	99	
78) Pyrene	12.827	202	504040	37.385	ng	99	
80) Butylbenzylphthalate	13.445	149	231952	45.871	ng	96	
81) Benzo(a)anthracene	14.021	228	449861	44.774	ng	99	
82) 3,3'-Dichlorobenzidine	13.986	252	162177	50.948	ng	98	
83) Chrysene	14.063	228	412778	42.417	ng	99	
84) Bis(2-ethylhexyl)phtha...	14.004	149	335223	57.694	ng	99	
85) Di-n-octyl phthalate	14.627	149	539416	63.182	ng	97	
87) Indeno(1,2,3-cd)pyrene	17.086	276	314041	38.080	ng	# 95	
88) Benzo(b)fluoranthene	15.092	252	361480	51.726	ng	99	
89) Benzo(k)fluoranthene	15.121	252	327160	45.980	ng	98	
90) Benzo(a)pyrene	15.474	252	282697	41.833	ng	# 98	
91) Dibenzo(a,h)anthracene	17.098	278	263691	39.146	ng	95	
92) Benzo(g,h,i)perylene	17.556	276	247819	35.676	ng	# 95	

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

