

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136266.D
 Acq On : 29 Nov 2023 00:17
 Operator : CG\JU
 Sample : 05517-04MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-DMSD

Quant Time: Nov 29 00:52:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

11/29/2023
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	138964	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	551284	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	232296	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	333328	20.000	ng	0.00
76) Chrysene-d12	13.992	240	279697	20.000	ng	0.00
86) Perylene-d12	15.468	264	236755	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	930183	93.166	ng	0.00
7) Phenol-d6	6.445	99	1114765	89.297	ng	0.00
23) Nitrobenzene-d5	7.369	82	687113	65.863	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	228507	80.460	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1235780	67.951	ng	0.00
79) Terphenyl-d14	12.927	244	993184	40.960	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.657	88	159112	42.118	ng	98
3) Pyridine	3.410	79	374770	40.188	ng	96
4) n-Nitrosodimethylamine	3.381	42	198305	42.068	ng	98
6) Aniline	6.469	93	445654	37.769	ng	98
8) 2-Chlorophenol	6.593	128	478253	43.993	ng	94
9) Benzaldehyde	6.357	77	61721	8.871	ng	96
10) Phenol	6.457	94	582105	43.463	ng	98
11) bis(2-Chloroethyl)ether	6.545	93	448477	45.646	ng	98
12) 1,3-Dichlorobenzene	6.745	146	529450	42.916	ng	98
13) 1,4-Dichlorobenzene	6.822	146	544469	43.413	ng	98
14) 1,2-Dichlorobenzene	6.975	146	504044	42.452	ng	98
15) Benzyl Alcohol	6.951	79	383116	43.771	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.081	45	601529	44.077	ng	100
17) 2-Methylphenol	7.063	107	377383	44.156	ng	97
18) Hexachloroethane	7.316	117	184899	42.031	ng	94
19) n-Nitroso-di-n-propyla...	7.222	70	327372	43.846	ng	98
20) 3+4-Methylphenols	7.216	107	463800	41.755	ng	98
22) Acetophenone	7.216	105	681094	47.042	ng	# 96
24) Nitrobenzene	7.387	77	468710	44.335	ng	98
25) Isophorone	7.628	82	870778	46.290	ng	98
26) 2-Nitrophenol	7.704	139	231011	51.285	ng	92
27) 2,4-Dimethylphenol	7.740	122	340306	57.398	ng	99
28) bis(2-Chloroethoxy)met...	7.840	93	537286	47.220	ng	99
29) 2,4-Dichlorophenol	7.939	162	369137	46.159	ng	96
30) 1,2,4-Trichlorobenzene	8.022	180	437702	44.705	ng	97
31) Naphthalene	8.104	128	1406418	45.388	ng	99
32) Benzoic acid	7.863	122	241105	44.621	ng	98
33) 4-Chloroaniline	8.151	127	236512	22.455	ng	98
34) Hexachlorobutadiene	8.222	225	248794	43.434	ng	99
35) Caprolactam	8.528	113	97653m	43.682	ng	
36) 4-Chloro-3-methylphenol	8.639	107	358171	41.296	ng	99
37) 2-Methylnaphthalene	8.798	142	836348	43.027	ng	99
38) 1-Methylnaphthalene	8.898	142	787048	41.507	ng	97
40) 1,2,4,5-Tetrachloroben...	8.963	216	392042	53.030	ng	99
41) Hexachlorocyclopentadiene	8.951	237	252993	88.936	ng	98
43) 2,4,6-Trichlorophenol	9.075	196	239410	49.893	ng	96

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44) 2,4,5-Trichlorophenol	9.122	196	243446	46.490	ng	98
46) 1,1'-Biphenyl	9.263	154	1055306	51.516	ng	99
47) 2-Chloronaphthalene	9.286	162	768641	48.317	ng	97
48) 2-Nitroaniline	9.386	65	200074	48.171	ng	87
49) Acenaphthylene	9.704	152	1172263	51.636	ng	99
50) Dimethylphthalate	9.569	163	882938	50.289	ng	100
51) 2,6-Dinitrotoluene	9.628	165	169178	47.166	ng	99
52) Acenaphthene	9.875	154	670258	46.719	ng	97
53) 3-Nitroaniline	9.798	138	122377	34.385	ng	90
54) 2,4-Dinitrophenol	9.904	184	107382	64.370	ng	89
55) Dibenzofuran	10.045	168	976575	45.745	ng	98
56) 4-Nitrophenol	9.957	139	222425	82.287	ng	99
57) 2,4-Dinitrotoluene	10.033	165	201386	42.033	ng	99
58) Fluorene	10.392	166	713934	42.635	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	176880	42.453	ng	99
60) Diethylphthalate	10.269	149	816236	46.475	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	353618	43.484	ng	97
62) 4-Nitroaniline	10.410	138	125928	36.148	ng	96
63) Azobenzene	10.545	77	687620	42.232	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	73293	40.209	ng	90
66) n-Nitrosodiphenylamine	10.504	169	607004	56.825	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	203782	52.402	ng	99
68) Hexachlorobenzene	10.939	284	217796	48.391	ng	94
69) Atrazine	11.039	200	186175	58.753	ng	97
70) Pentachlorophenol	11.133	266	239072	93.971	ng	99
71) Phenanthrene	11.357	178	1097562	58.585	ng	99
72) Anthracene	11.410	178	953436	50.749	ng	100
73) Carbazole	11.563	167	794607	49.729	ng	99
74) Di-n-butylphthalate	11.904	149	1047738	52.405	ng	99
75) Fluoranthene	12.551	202	1387514	72.955	ng	97
77) Benzidine	12.674	184	315111	68.536	ng	98
78) Pyrene	12.780	202	1412928	46.126	ng	99
80) Butylbenzylphthalate	13.410	149	424360	44.513	ng	98
81) Benzo(a)anthracene	13.980	228	1182185	56.904	ng	100
82) 3,3'-Dichlorobenzidine	13.945	252	289376	57.865	ng	99
83) Chrysene	14.016	228	1126859	56.177	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	597514	52.225	ng	# 99
85) Di-n-octyl phthalate	14.598	149	1155159	60.643	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	626230	36.090	ng	100
88) Benzo(b)fluoranthene	15.039	252	1048606	63.130	ng	99
89) Benzo(k)fluoranthene	15.068	252	849825	53.869	ng	99
90) Benzo(a)pyrene	15.410	252	756097	55.683	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	476088	34.337	ng	98
92) Benzo(g,h,i)perylene	17.427	276	489117	34.859	ng	98

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

