

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135346.D
 Acq On : 19 Sep 2023 21:05
 Operator : CG\JU
 Sample : 04460-04MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEL-1-LEFT-SIDEMSD

Quant Time: Sep 20 01:39:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

09/20/2023
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	139049	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	506112	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	208234	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	327831	20.000	ng	0.00
76) Chrysene-d12	13.951	240	211688	20.000	ng	0.00
86) Perylene-d12	15.415	264	206080	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	968914	113.333	ng	0.02
7) Phenol-d6	6.416	99	1161299	106.827	ng	0.01
23) Nitrobenzene-d5	7.328	82	752965	80.828	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	194327	93.908	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1132211	82.032	ng	0.00
79) Terphenyl-d14	12.886	244	865347	63.369	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.534	88	171422	45.739	ng	# 94
3) Pyridine	3.281	79	439559	43.578	ng	99
4) n-Nitrosodimethylamine	3.257	42	287787	53.765	ng	100
6) Aniline	6.428	93	411580	28.872	ng	# 23
8) 2-Chlorophenol	6.551	128	466569	51.123	ng	98
9) Benzaldehyde	6.316	77	159913	25.822	ng	97
10) Phenol	6.434	94	511882	42.942	ng	87
11) bis(2-Chloroethyl)ether	6.504	93	461518	51.615	ng	98
12) 1,3-Dichlorobenzene	6.698	146	449360	48.448	ng	99
13) 1,4-Dichlorobenzene	6.775	146	455466	48.267	ng	99
14) 1,2-Dichlorobenzene	6.928	146	415091	47.367	ng	99
15) Benzyl Alcohol	6.916	79	379720	48.677	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.040	45	844553	50.110	ng	85
17) 2-Methylphenol	7.028	107	344208	42.739	ng	# 93
18) Hexachloroethane	7.263	117	166450	47.739	ng	89
19) n-Nitroso-di-n-propyla...	7.181	70	291499	43.291	ng	92
20) 3+4-Methylphenols	7.181	107	396879	40.982	ng	# 85
22) Acetophenone	7.175	105	578555	50.000	ng	# 97
24) Nitrobenzene	7.345	77	467692	50.795	ng	98
25) Isophorone	7.587	82	862136	50.400	ng	98
26) 2-Nitrophenol	7.663	139	224160	50.725	ng	96
27) 2,4-Dimethylphenol	7.704	122	340629	45.857	ng	99
28) bis(2-Chloroethoxy)met...	7.792	93	543041	53.039	ng	99
29) 2,4-Dichlorophenol	7.904	162	337705	49.064	ng	99
30) 1,2,4-Trichlorobenzene	7.981	180	361138	50.198	ng	99
31) Naphthalene	8.063	128	1178386	47.920	ng	100
32) Benzoic acid	7.845	122	257546	46.045	ng	99
33) 4-Chloroaniline	8.122	127	390304	36.176	ng	99
34) Hexachlorobutadiene	8.175	225	212523	48.991	ng	100
35) Caprolactam	8.498	113	115953m	50.196	ng	
36) 4-Chloro-3-methylphenol	8.610	107	343791	44.941	ng	96
37) 2-Methylnaphthalene	8.751	142	712731	43.118	ng	97
38) 1-Methylnaphthalene	8.851	142	681310	44.025	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	335634	55.636	ng	99
41) Hexachlorocyclopentadiene	8.898	237	92530	38.981	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	215947	54.672	ng	99

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44) 2,4,5-Trichlorophenol	9.086	196	215719	47.424	ng	98
46) 1,1'-Biphenyl	9.222	154	860039	53.744	ng	99
47) 2-Chloronaphthalene	9.245	162	634583	54.655	ng	97
48) 2-Nitroaniline	9.345	65	241661	53.575	ng	97
49) Acenaphthylene	9.657	152	969481	50.242	ng	99
50) Dimethylphthalate	9.528	163	775276	55.067	ng	100
51) 2,6-Dinitrotoluene	9.592	165	159791	51.810	ng	92
52) Acenaphthene	9.833	154	564758	49.544	ng	98
53) 3-Nitroaniline	9.763	138	162449	44.871	ng	93
54) 2,4-Dinitrophenol	9.875	184	52604	33.946	ng	96
55) Dibenzofuran	10.004	168	817247	46.982	ng	97
56) 4-Nitrophenol	9.939	139	195123	84.803	ng	93
57) 2,4-Dinitrotoluene	9.998	165	170999	44.287	ng	86
58) Fluorene	10.351	166	605168	45.255	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	152805	43.670	ng	98
60) Diethylphthalate	10.228	149	725489	51.347	ng	100
61) 4-Chlorophenyl-phenyle...	10.339	204	297179	46.263	ng	99
62) 4-Nitroaniline	10.381	138	149453	42.946	ng	95
63) Azobenzene	10.504	77	671238	48.541	ng	99
65) 4,6-Dinitro-2-methylph...	10.410	198	38883	22.331	ng	99
66) n-Nitrosodiphenylamine	10.463	169	561801	56.605	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	179121	54.936	ng	97
68) Hexachlorobenzene	10.898	284	175286	52.770	ng	94
69) Atrazine	10.998	200	159177	59.605	ng	97
70) Pentachlorophenol	11.098	266	177364	89.245	ng	97
71) Phenanthrene	11.316	178	809499	52.209	ng	100
72) Anthracene	11.369	178	822638	51.617	ng	98
73) Carbazole	11.527	167	739373	50.962	ng	99
74) Di-n-butylphthalate	11.857	149	951998	55.686	ng	100
75) Fluoranthene	12.510	202	866572	53.638	ng	100
77) Benzidine	12.633	184	341553	78.757	ng	100
78) Pyrene	12.739	202	891791	44.248	ng	99
80) Butylbenzylphthalate	13.363	149	373079	52.576	ng	94
81) Benzo(a)anthracene	13.939	228	714512	52.271	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	255060	59.738	ng	99
83) Chrysene	13.974	228	711324	52.340	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	473821	65.070	ng	98
85) Di-n-octyl phthalate	14.545	149	904093	78.127	ng	97
87) Indeno(1,2,3-cd)pyrene	16.904	276	545781	40.392	ng	98
88) Benzo(b)fluoranthene	14.992	252	644882	57.807	ng	97
89) Benzo(k)fluoranthene	15.021	252	564167	51.195	ng	98
90) Benzo(a)pyrene	15.357	252	528026	49.633	ng	100
91) Dibenzo(a,h)anthracene	16.915	278	448094	40.531	ng	99
92) Benzo(g,h,i)perylene	17.351	276	439285	38.046	ng	98

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

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