

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136265.D
 Acq On : 28 Nov 2023 23:45
 Operator : CG\JU
 Sample : 05517-04MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-DMS

Quant Time: Nov 29 00:51:53 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	138314	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	549050	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	231245	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	327754	20.000	ng	0.00
76) Chrysene-d12	13.986	240	268493	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	232950	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	847183	85.252	ng	0.00
7) Phenol-d6	6.445	99	1012355	81.474	ng	0.00
23) Nitrobenzene-d5	7.369	82	619559	59.629	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	199529	70.576	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1121812	61.964	ng	0.00
79) Terphenyl-d14	12.927	244	859335	36.918	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	144455	38.418	ng	97
3) Pyridine	3.404	79	337636	36.376	ng	99
4) n-Nitrosodimethylamine	3.375	42	179476	38.253	ng	89
6) Aniline	6.469	93	405195	34.502	ng	98
8) 2-Chlorophenol	6.592	128	437149	40.401	ng	95
9) Benzaldehyde	6.357	77	55719	8.046	ng	99
10) Phenol	6.457	94	526041	39.462	ng	95
11) bis(2-Chloroethyl)ether	6.545	93	400788	40.984	ng	99
12) 1,3-Dichlorobenzene	6.745	146	485127	39.508	ng	97
13) 1,4-Dichlorobenzene	6.822	146	494474	39.612	ng	98
14) 1,2-Dichlorobenzene	6.975	146	455999	38.586	ng	98
15) Benzyl Alcohol	6.951	79	348771	40.035	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	545075	40.128	ng	99
17) 2-Methylphenol	7.063	107	342995	40.321	ng	96
18) Hexachloroethane	7.316	117	166273	37.974	ng	94
19) n-Nitroso-di-n-propyla...	7.222	70	293859	39.543	ng	97
20) 3+4-Methylphenols	7.210	107	420102	37.999	ng	94
22) Acetophenone	7.216	105	621134	43.075	ng	# 93
24) Nitrobenzene	7.387	77	424663	40.332	ng	98
25) Isophorone	7.628	82	784019	41.848	ng	97
26) 2-Nitrophenol	7.704	139	204896	45.672	ng	92
27) 2,4-Dimethylphenol	7.739	122	309453	52.407	ng	98
28) bis(2-Chloroethoxy)met...	7.839	93	490044	43.243	ng	99
29) 2,4-Dichlorophenol	7.939	162	332750	41.779	ng	96
30) 1,2,4-Trichlorobenzene	8.028	180	396382	40.649	ng	99
31) Naphthalene	8.104	128	1272622	41.237	ng	99
32) Benzoic acid	7.857	122	206821	38.432	ng	91
33) 4-Chloroaniline	8.151	127	206656	19.700	ng	96
34) Hexachlorobutadiene	8.222	225	224263	39.311	ng	97
35) Caprolactam	8.522	113	87254	39.189	ng	# 89
36) 4-Chloro-3-methylphenol	8.639	107	325466	37.678	ng	98
37) 2-Methylnaphthalene	8.798	142	741591	38.308	ng	100
38) 1-Methylnaphthalene	8.898	142	703188	37.236	ng	97
40) 1,2,4,5-Tetrachloroben...	8.963	216	350100	47.572	ng	100
41) Hexachlorocyclopentadiene	8.951	237	224988	79.451	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	214091	44.819	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	214879	41.221	ng	97
46) 1,1'-Biphenyl	9.263	154	961315	47.141	ng	98
47) 2-Chloronaphthalene	9.286	162	689561	43.543	ng	97
48) 2-Nitroaniline	9.386	65	177476	42.924	ng	# 85
49) Acenaphthylene	9.704	152	1050203	46.470	ng	100
50) Dimethylphthalate	9.569	163	787260	45.043	ng	99
51) 2,6-Dinitrotoluene	9.628	165	146715	41.090	ng	98
52) Acenaphthene	9.875	154	597854	41.861	ng	99
53) 3-Nitroaniline	9.792	138	112913	31.870	ng	97
54) 2,4-Dinitrophenol	9.898	184	87008	52.394	ng	93
55) Dibenzofuran	10.045	168	877571	41.294	ng	99
56) 4-Nitrophenol	9.957	139	187636	69.732	ng	93
57) 2,4-Dinitrotoluene	10.033	165	177096	37.131	ng	96
58) Fluorene	10.392	166	634502	38.063	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	154712	37.301	ng	100
60) Diethylphthalate	10.269	149	713954	40.836	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	314280	38.822	ng	97
62) 4-Nitroaniline	10.410	138	115060	33.178	ng	94
63) Azobenzene	10.545	77	602268	37.158	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	61195	34.143	ng	86
66) n-Nitrosodiphenylamine	10.504	169	533952	50.836	ng	98
67) 4-Bromophenyl-phenylether	10.875	248	180872	47.302	ng	98
68) Hexachlorobenzene	10.939	284	188178	42.521	ng	97
69) Atrazine	11.033	200	162216	52.063	ng	97
70) Pentachlorophenol	11.133	266	206463	82.534	ng	97
71) Phenanthrene	11.357	178	964411	52.353	ng	99
72) Anthracene	11.410	178	850555	46.042	ng	99
73) Carbazole	11.563	167	695907	44.293	ng	100
74) Di-n-butylphthalate	11.904	149	910571	46.319	ng	99
75) Fluoranthene	12.551	202	1227138	65.620	ng	98
77) Benzidine	12.674	184	270443	61.276	ng	98
78) Pyrene	12.780	202	1239397	42.150	ng	98
80) Butylbenzylphthalate	13.410	149	373256	40.787	ng	98
81) Benzo(a)anthracene	13.980	228	1058258	53.065	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	254006	52.912	ng	96
83) Chrysene	14.015	228	996853	51.770	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	526235	47.914	ng	# 99
85) Di-n-octyl phthalate	14.598	149	1025186	56.455	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	563773	33.249	ng	100
88) Benzo(b)fluoranthene	15.039	252	957964	58.615	ng	99
89) Benzo(k)fluoranthene	15.068	252	765684	49.328	ng	98
90) Benzo(a)pyrene	15.410	252	685951	51.342	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	415807	30.784	ng	99
92) Benzo(g,h,i)perylene	17.427	276	430236	31.365	ng	98

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

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