

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
 Data File : BF136316.D
 Acq On : 30 Nov 2023 16:28
 Operator : CG\JU
 Sample : 05279-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Quant Time: Nov 30 16:54:20 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 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	136641	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	557209	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	271050	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	426066	20.000	ng	0.00
76) Chrysene-d12	13.986	240	246192	20.000	ng	0.00
86) Perylene-d12	15.468	264	267799	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1191805	121.399	ng	0.02
7) Phenol-d6	6.451	99	1377801	112.243	ng	0.00
23) Nitrobenzene-d5	7.375	82	978883	92.833	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	426941	128.837	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1970116	92.840	ng	0.00
79) Terphenyl-d14	12.927	244	1653129	77.454	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.804	88	146975	39.567	ng	# 82
3) Pyridine	3.510	79	253943	27.694	ng	94
4) n-Nitrosodimethylamine	3.457	42	185620	40.047	ng	90
6) Aniline	6.475	93	216357	18.648	ng	96
8) 2-Chlorophenol	6.592	128	470114	43.980	ng	97
10) Phenol	6.463	94	492375	37.389	ng	95
11) bis(2-Chloroethyl)ether	6.551	93	428731	44.378	ng	97
12) 1,3-Dichlorobenzene	6.751	146	466976	38.495	ng	99
13) 1,4-Dichlorobenzene	6.828	146	487376	39.521	ng	99
14) 1,2-Dichlorobenzene	6.975	146	456631	39.113	ng	98
15) Benzyl Alcohol	6.951	79	363338	42.217	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	564686	42.080	ng	96
17) 2-Methylphenol	7.063	107	361487	43.015	ng	99
18) Hexachloroethane	7.316	117	164330	37.990	ng	92
19) n-Nitroso-di-n-propyla...	7.228	70	318958	43.445	ng	96
20) 3+4-Methylphenols	7.216	107	445534	40.793	ng	96
22) Acetophenone	7.216	105	669062	45.719	ng	97
24) Nitrobenzene	7.392	77	466258	43.634	ng	94
25) Isophorone	7.628	82	869628	45.738	ng	98
26) 2-Nitrophenol	7.704	139	232645	51.098	ng	95
27) 2,4-Dimethylphenol	7.739	122	347974	58.067	ng	94
28) bis(2-Chloroethoxy)met...	7.839	93	536101	46.615	ng	98
29) 2,4-Dichlorophenol	7.945	162	392741	48.589	ng	99
30) 1,2,4-Trichlorobenzene	8.028	180	429200	43.370	ng	98
31) Naphthalene	8.110	128	1385435	44.236	ng	99
32) Benzoic acid	7.863	122	207095	37.919	ng	99
33) 4-Chloroaniline	8.151	127	37742	3.545	ng	97
34) Hexachlorobutadiene	8.222	225	240344	41.513	ng	99
35) Caprolactam	8.528	113	95567m	42.294	ng	
36) 4-Chloro-3-methylphenol	8.645	107	397754	45.372	ng	94
37) 2-Methylnaphthalene	8.798	142	866908	44.125	ng	99
38) 1-Methylnaphthalene	8.898	142	832655	43.446	ng	97
40) 1,2,4,5-Tetrachloroben...	8.963	216	420777	48.779	ng	99
41) Hexachlorocyclopentadiene	8.951	237	349099	105.175	ng	96
43) 2,4,6-Trichlorophenol	9.080	196	271071	48.414	ng	93
44) 2,4,5-Trichlorophenol	9.127	196	284824	46.615	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.263	154	1158038	48.448	ng	98
47) 2-Chloronaphthalene	9.286	162	848878	45.731	ng	96
48) 2-Nitroaniline	9.386	65	225139	46.456	ng	91
49) Acenaphthylene	9.704	152	1328606	50.155	ng	99
50) Dimethylphthalate	9.575	163	1005262	49.070	ng	100
51) 2,6-Dinitrotoluene	9.633	165	201918	48.245	ng	93
52) Acenaphthene	9.874	154	775488	46.325	ng	97
53) 3-Nitroaniline	9.798	138	77076	18.560	ng	91
54) 2,4-Dinitrophenol	9.904	184	150273	77.202	ng	97
55) Dibenzofuran	10.051	168	1136655	45.631	ng	98
56) 4-Nitrophenol	9.963	139	250665	79.475	ng	92
57) 2,4-Dinitrotoluene	10.039	165	255636	45.727	ng	97
58) Fluorene	10.392	166	870280	44.541	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	223336	45.939	ng	99
60) Diethylphthalate	10.274	149	947535	46.237	ng	98
61) 4-Chlorophenyl-phenyle...	10.386	204	427352	45.037	ng	98
62) 4-Nitroaniline	10.416	138	168116	41.358	ng	93
63) Azobenzene	10.545	77	823538	43.348	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	107165	45.995	ng	85
66) n-Nitrosodiphenylamine	10.510	169	740003	54.197	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	259946	52.295	ng	93
68) Hexachlorobenzene	10.939	284	287214	49.924	ng	# 94
69) Atrazine	11.039	200	156490	38.636	ng	98
70) Pentachlorophenol	11.139	266	285598	87.825	ng	96
71) Phenanthrene	11.357	178	1184790	49.476	ng	99
72) Anthracene	11.410	178	1174550	48.910	ng	99
73) Carbazole	11.569	167	924015	45.241	ng	99
74) Di-n-butylphthalate	11.904	149	1314604	51.441	ng	99
75) Fluoranthene	12.551	202	1023203	42.090	ng	96
77) Benzidine	12.674	184	103543	25.585	ng	97
78) Pyrene	12.780	202	1005543	37.294	ng	98
80) Butylbenzylphthalate	13.410	149	390843	46.577	ng	98
81) Benzo(a)anthracene	13.974	228	861868	47.132	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	164080	37.276	ng	99
83) Chrysene	14.015	228	849892	48.136	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	533536	52.979	ng	# 98
85) Di-n-octyl phthalate	14.592	149	1040853	61.956	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	726454	36.945	ng	98
88) Benzo(b)fluoranthene	15.033	252	975960	51.945	ng	99
89) Benzo(k)fluoranthene	15.062	252	828179	46.411	ng	98
90) Benzo(a)pyrene	15.404	252	762245	49.628	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	611888	38.646	ng	99
92) Benzo(g,h,i)perylene	17.433	276	522294	33.015	ng	98

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

