

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
 Data File : BF135985.D
 Acq On : 27 Oct 2023 15:27
 Operator : CG\JU
 Sample : 04882-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-218MS

Quant Time: Oct 27 22:31:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2023
 Supervised By :mohammad ahmed 10/28/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	172748	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	687960	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	349772	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	580075	20.000	ng	0.00
76) Chrysene-d12	14.016	240	310123	20.000	ng	0.00
86) Perylene-d12	15.498	264	378833	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1111260	99.334	ng	0.01
7) Phenol-d6	6.463	99	1407259	101.041	ng	0.00
23) Nitrobenzene-d5	7.392	82	796556	75.948	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	386193	126.143	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1502346	68.777	ng	0.00
79) Terphenyl-d14	12.957	244	1286198	69.293	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	213132	41.013	ng	97
3) Pyridine	3.422	79	514676	35.882	ng	98
4) n-Nitrosodimethylamine	3.399	42	265445	42.442	ng	97
6) Aniline	6.492	93	377798	20.145	ng	98
8) 2-Chlorophenol	6.610	128	584077	50.433	ng	99
9) Benzaldehyde	6.375	77	201973	26.808	ng	97
10) Phenol	6.475	94	684961m	47.043	ng	
11) bis(2-Chloroethyl)ether	6.569	93	549660	48.499	ng	99
12) 1,3-Dichlorobenzene	6.769	146	595663	48.422	ng	97
13) 1,4-Dichlorobenzene	6.845	146	607717	49.190	ng	98
14) 1,2-Dichlorobenzene	6.998	146	571870	49.847	ng	100
15) Benzyl Alcohol	6.969	79	472137	47.954	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	782318	46.872	ng	96
17) 2-Methylphenol	7.081	107	454565	44.534	ng	99
18) Hexachloroethane	7.339	117	216096	51.440	ng	93
19) n-Nitroso-di-n-propyla...	7.245	70	377844	47.708	ng	97
20) 3+4-Methylphenols	7.234	107	550633	44.697	ng	# 89
22) Acetophenone	7.239	105	747960	48.137	ng	# 95
24) Nitrobenzene	7.410	77	570248	49.942	ng	97
25) Isophorone	7.651	82	1077564	49.553	ng	97
26) 2-Nitrophenol	7.728	139	287733	62.581	ng	92
27) 2,4-Dimethylphenol	7.763	122	442336	44.631	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	663077	49.655	ng	99
29) 2,4-Dichlorophenol	7.963	162	474549	53.470	ng	98
30) 1,2,4-Trichlorobenzene	8.051	180	506871	50.442	ng	98
31) Naphthalene	8.134	128	1581803	47.557	ng	100
32) Benzoic acid	7.887	122	355190m	62.696	ng	
33) 4-Chloroaniline	8.175	127	88214	6.001	ng	99
34) Hexachlorobutadiene	8.251	225	288185	50.882	ng	99
35) Caprolactam	8.563	113	162539m	55.035	ng	
36) 4-Chloro-3-methylphenol	8.663	107	497706	52.771	ng	95
37) 2-Methylnaphthalene	8.822	142	1019654	46.334	ng	100
38) 1-Methylnaphthalene	8.922	142	995479	48.411	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	489330	49.533	ng	100
41) Hexachlorocyclopentadiene	8.975	237	377188	77.433	ng	96
43) 2,4,6-Trichlorophenol	9.098	196	330570	57.172	ng	99

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44) 2,4,5-Trichlorophenol	9.139	196	352673	51.372	ng	98
46) 1,1'-Biphenyl	9.292	154	1304716	49.229	ng	99
47) 2-Chloronaphthalene	9.316	162	991275	50.566	ng	99
48) 2-Nitroaniline	9.410	65	297341	53.961	ng	96
49) Acenaphthylene	9.728	152	1552398	50.196	ng	99
50) Dimethylphthalate	9.598	163	1156363	50.980	ng	99
51) 2,6-Dinitrotoluene	9.657	165	259758	54.506	ng	# 81
52) Acenaphthene	9.904	154	1009007	50.909	ng	98
53) 3-Nitroaniline	9.822	138	154163	29.356	ng	# 86
54) 2,4-Dinitrophenol	9.928	184	150869	82.379	ng	# 87
55) Dibenzofuran	10.075	168	1364244	47.646	ng	99
56) 4-Nitrophenol	9.980	139	423642	91.610	ng	95
57) 2,4-Dinitrotoluene	10.057	165	334358	56.296	ng	97
58) Fluorene	10.422	166	1003684	46.854	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.192	232	292919	56.702	ng	99
60) Diethylphthalate	10.298	149	1105124	51.093	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	497419	48.138	ng	98
62) 4-Nitroaniline	10.439	138	239549	43.480	ng	95
63) Azobenzene	10.575	77	1033894	47.101	ng	97
65) 4,6-Dinitro-2-methylph...	10.463	198	112181	55.340	ng	95
66) n-Nitrosodiphenylamine	10.533	169	940319	53.659	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	328454	55.290	ng	97
68) Hexachlorobenzene	10.963	284	357594	56.350	ng	97
69) Atrazine	11.069	200	318534	66.678	ng	98
70) Pentachlorophenol	11.163	266	379697	93.610	ng	98
71) Phenanthrene	11.386	178	1520396	51.807	ng	99
72) Anthracene	11.439	178	1475341	49.097	ng	99
73) Carbazole	11.592	167	1226560	45.757	ng	99
74) Di-n-butylphthalate	11.933	149	1563317	54.806	ng	99
75) Fluoranthene	12.574	202	1342499	43.482	ng	97
77) Benzidine	12.698	184	221302	37.008	ng	99
78) Pyrene	12.810	202	1328911	51.035	ng	99
80) Butylbenzylphthalate	13.439	149	468156	47.607	ng	95
81) Benzo(a)anthracene	14.004	228	1087673	51.581	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	210176	32.762	ng	99
83) Chrysene	14.039	228	1043576	50.813	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	561838	52.471	ng	99
85) Di-n-octyl phthalate	14.627	149	1106203	65.582	ng	98
87) Indeno(1,2,3-cd)pyrene	17.009	276	885153	41.206	ng	98
88) Benzo(b)fluoranthene	15.068	252	1199540	53.206	ng	99
89) Benzo(k)fluoranthene	15.098	252	1041999	47.059	ng	99
90) Benzo(a)pyrene	15.439	252	1010163	48.616	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	735849	40.048	ng	99
92) Benzo(g,h,i)perylene	17.474	276	649735	32.424	ng	99

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

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