

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
 Data File : BF132905.D
 Acq On : 18 Apr 2023 17:27
 Operator : CG\JU
 Sample : 02371-18MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMPMSD

Quant Time: Apr 18 17:44:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/19/2023
 Supervised By :Jagrut Upadhyay 04/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	239391	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	962983	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	493800	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	890693	20.000	ng	0.00
76) Chrysene-d12	13.921	240	625932	20.000	ng	0.00
86) Perylene-d12	15.345	264	618419	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1567910	102.414	ng	0.00
7) Phenol-d6	6.392	99	2159718	110.553	ng	0.00
23) Nitrobenzene-d5	7.328	82	1320766	71.491	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	503406	101.640	ng	0.00
45) 2-Fluorobiphenyl	9.127	172	2074101	64.526	ng	0.00
79) Terphenyl-d14	12.868	244	2361435	64.365	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.487	88	322734	43.202	ng	99
3) Pyridine	3.204	79	813831	39.833	ng	98
4) n-Nitrosodimethylamine	3.146	42	454672	46.835	ng	98
6) Aniline	6.422	93	994506	38.387	ng	98
8) 2-Chlorophenol	6.545	128	749474	48.255	ng	99
9) Benzaldehyde	6.304	77	497815	43.068	ng	92
10) Phenol	6.410	94	1037988	47.255	ng	99
11) bis(2-Chloroethyl)ether	6.498	93	748472	45.119	ng	99
12) 1,3-Dichlorobenzene	6.704	146	792553	46.426	ng	98
13) 1,4-Dichlorobenzene	6.781	146	811166	47.421	ng	98
14) 1,2-Dichlorobenzene	6.934	146	765587	47.935	ng	99
15) Benzyl Alcohol	6.904	79	658850	49.211	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.045	45	1344398	46.836	ng	99
17) 2-Methylphenol	7.016	107	625476	43.968	ng	99
18) Hexachloroethane	7.281	117	273865	46.133	ng	93
19) n-Nitroso-di-n-propyla...	7.181	70	544335	44.640	ng	94
20) 3+4-Methylphenols	7.175	107	764554	45.471	ng	# 81
22) Acetophenone	7.175	105	1002828	44.391	ng	# 97
24) Nitrobenzene	7.345	77	824276	43.530	ng	99
25) Isophorone	7.586	82	1505031	42.948	ng	99
26) 2-Nitrophenol	7.663	139	375053	52.503	ng	95
27) 2,4-Dimethylphenol	7.704	122	674496	46.288	ng	100
28) bis(2-Chloroethoxy)met...	7.804	93	904689	43.179	ng	99
29) 2,4-Dichlorophenol	7.904	162	613029	45.198	ng	97
30) 1,2,4-Trichlorobenzene	7.992	180	639265	43.651	ng	99
31) Naphthalene	8.075	128	2123416	43.635	ng	99
32) Benzoic acid	7.810	122	334476	45.773	ng	97
33) 4-Chloroaniline	8.116	127	363179	18.222	ng	98
34) Hexachlorobutadiene	8.192	225	355702	42.456	ng	98
35) Caprolactam	8.486	113	216457m	53.590	ng	
36) 4-Chloro-3-methylphenol	8.598	107	656692	46.129	ng	97
37) 2-Methylnaphthalene	8.763	142	1394538	41.635	ng	100
38) 1-Methylnaphthalene	8.863	142	1302359	41.730	ng	100
40) 1,2,4,5-Tetrachloroben...	8.933	216	596950	42.740	ng	99
41) Hexachlorocyclopentadiene	8.922	237	670737	91.112	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	414210	46.784	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	445220	43.004	ng	97
46) 1,1'-Biphenyl	9.227	154	1713737	43.779	ng	99
47) 2-Chloronaphthalene	9.251	162	1293881	44.666	ng	99
48) 2-Nitroaniline	9.339	65	426037	50.838	ng	94
49) Acenaphthylene	9.663	152	1994377	43.165	ng	99
50) Dimethylphthalate	9.527	163	1489967	43.643	ng	99
51) 2,6-Dinitrotoluene	9.586	165	341547	45.630	ng	98
52) Acenaphthene	9.839	154	1394046	46.822	ng	99
53) 3-Nitroaniline	9.751	138	275679	32.366	ng	97
54) 2,4-Dinitrophenol	9.857	184	293591	100.690	ng	89
55) Dibenzofuran	10.010	168	1836514	43.476	ng	98
56) 4-Nitrophenol	9.910	139	639188	101.023	ng	93
57) 2,4-Dinitrotoluene	9.986	165	459510	49.741	ng	98
58) Fluorene	10.351	166	1355522	43.806	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.122	232	381911	47.531	ng	99
60) Diethylphthalate	10.227	149	1422645	44.595	ng	100
61) 4-Chlorophenyl-phenyle...	10.345	204	660167	41.945	ng	96
62) 4-Nitroaniline	10.369	138	393281	48.039	ng	97
63) Azobenzene	10.504	77	1660989	46.611	ng	99
65) 4,6-Dinitro-2-methylph...	10.392	198	212709	49.866	ng	98
66) n-Nitrosodiphenylamine	10.463	169	1244362	42.897	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	420316	41.325	ng	97
68) Hexachlorobenzene	10.898	284	469650	44.508	ng	94
69) Atrazine	10.992	200	416667	51.389	ng	97
70) Pentachlorophenol	11.092	266	560692	82.344	ng	99
71) Phenanthrene	11.310	178	2106159	43.961	ng	99
72) Anthracene	11.363	178	2155390	43.948	ng	100
73) Carbazole	11.516	167	1970261	46.429	ng	99
74) Di-n-butylphthalate	11.851	149	2219821	48.797	ng	100
75) Fluoranthene	12.498	202	2270793	47.662	ng	98
77) Benzidine	12.615	184	1176457	120.656	ng	98
78) Pyrene	12.721	202	2334214	45.606	ng	99
80) Butylbenzylphthalate	13.351	149	686430	54.766	ng	91
81) Benzo(a)anthracene	13.910	228	1954666	45.919	ng	100
82) 3,3'-Dichlorobenzidine	13.874	252	422027	40.985	ng	99
83) Chrysene	13.945	228	1840767	43.507	ng	100
84) Bis(2-ethylhexyl)phtha...	13.915	149	982368	60.678	ng	100
85) Di-n-octyl phthalate	14.527	149	1854477	52.075	ng	96
87) Indeno(1,2,3-cd)pyrene	16.745	276	1889133	53.461	ng	99
88) Benzo(b)fluoranthene	14.939	252	1910789	49.603	ng	99
89) Benzo(k)fluoranthene	14.968	252	1569936	40.912	ng	99
90) Benzo(a)pyrene	15.292	252	1517736	43.126	ng	100
91) Dibenzo(a,h)anthracene	16.768	278	1576572	52.362	ng	98
92) Benzo(g,h,i)perylene	17.174	276	1529078	53.041	ng	98

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

