

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
 Data File : BF138159.D
 Acq On : 07 Jun 2024 14:36
 Operator : CG\JU
 Sample : P2740-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPBMSD

Quant Time: Jun 07 15:19:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 06 05:19:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/10/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	364862	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1421915	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	805136	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1342429	20.000	ng	0.00
76) Chrysene-d12	14.068	240	673831	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	735271	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	2121362	99.087	ng	0.00
7) Phenol-d6	6.534	99	2673384	98.695	ng	0.00
23) Nitrobenzene-d5	7.469	82	1604943	76.795	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	834536	107.704	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	3000098	65.154	ng	0.00
79) Terphenyl-d14	13.016	244	2797237	62.092	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	354911	36.170	ng	98
3) Pyridine	3.528	79	861253	35.821	ng	96
4) n-Nitrosodimethylamine	3.493	42	474607	40.210	ng	96
6) Aniline	6.569	93	755563	27.510	ng	98
8) 2-Chlorophenol	6.692	128	1027226	44.351	ng	95
10) Phenol	6.545	94	1199615m	43.106	ng	
11) bis(2-Chloroethyl)ether	6.645	93	926889	41.546	ng	98
12) 1,3-Dichlorobenzene	6.845	146	1086624	40.946	ng	98
13) 1,4-Dichlorobenzene	6.922	146	1100561	41.178	ng	97
14) 1,2-Dichlorobenzene	7.075	146	1047090	41.736	ng	99
15) Benzyl Alcohol	7.045	79	819440	42.755	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1343977	41.035	ng	98
17) 2-Methylphenol	7.157	107	787035	41.982	ng	98
18) Hexachloroethane	7.422	117	383539	42.045	ng	95
19) n-Nitroso-di-n-propyla...	7.322	70	698241	40.427	ng	97
20) 3+4-Methylphenols	7.310	107	998496	42.804	ng	# 88
22) Acetophenone	7.316	105	1337483	40.858	ng	98
24) Nitrobenzene	7.487	77	1006445	44.207	ng	99
25) Isophorone	7.728	82	1869599	40.607	ng	97
26) 2-Nitrophenol	7.804	139	504879	51.632	ng	93
27) 2,4-Dimethylphenol	7.834	122	750079	46.901	ng	97
28) bis(2-Chloroethoxy)met...	7.939	93	1171372	41.767	ng	99
29) 2,4-Dichlorophenol	8.039	162	873310	45.308	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	963404	41.423	ng	99
31) Naphthalene	8.210	128	2855745	41.523	ng	99
32) Benzoic acid	7.951	122	603107	49.109	ng	96
33) 4-Chloroaniline	8.251	127	333300	12.895	ng	99
34) Hexachlorobutadiene	8.328	225	552206	40.405	ng	99
35) Caprolactam	8.628	113	278011m	43.195	ng	
36) 4-Chloro-3-methylphenol	8.733	107	871362	44.114	ng	100
37) 2-Methylnaphthalene	8.898	142	1948056	42.018	ng	99
38) 1-Methylnaphthalene	8.998	142	1821468	40.125	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	984185	43.296	ng	99
41) Hexachlorocyclopentadiene	9.051	237	893803	119.110	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	650826	47.157	ng	100
44) 2,4,5-Trichlorophenol	9.216	196	696364	45.790	ng	97

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46) 1,1'-Biphenyl	9.363	154	2437110	43.093	ng	98
47) 2-Chloronaphthalene	9.392	162	1881858	41.754	ng	97
48) 2-Nitroaniline	9.486	65	517948	46.423	ng	94
49) Acenaphthylene	9.810	152	2891776	45.340	ng	99
50) Dimethylphthalate	9.669	163	2184802	43.186	ng	99
51) 2,6-Dinitrotoluene	9.728	165	489732	44.843	ng	90
52) Acenaphthene	9.980	154	1938144	44.974	ng	98
53) 3-Nitroaniline	9.892	138	283507	27.158	ng	98
54) 2,4-Dinitrophenol	9.998	184	370524	84.421	ng	98
55) Dibenzofuran	10.151	168	2617836	42.947	ng	99
56) 4-Nitrophenol	10.051	139	696882	90.567	ng	98
57) 2,4-Dinitrotoluene	10.128	165	644360	49.148	ng	94
58) Fluorene	10.492	166	2031851	41.967	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	572610	47.736	ng	99
60) Diethylphthalate	10.369	149	2121506	42.957	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	1048917	42.645	ng	97
62) 4-Nitroaniline	10.510	138	442900	46.902	ng	96
63) Azobenzene	10.645	77	1978523	41.594	ng	97
65) 4,6-Dinitro-2-methylph...	10.533	198	270821	52.405	ng	90
66) n-Nitrosodiphenylamine	10.604	169	1829936	45.648	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	692367	45.296	ng	96
68) Hexachlorobenzene	11.039	284	775600	43.646	ng	96
69) Atrazine	11.133	200	639928	49.615	ng	99
70) Pentachlorophenol	11.227	266	838625	88.160	ng	99
71) Phenanthrene	11.457	178	2764915	42.784	ng	99
72) Anthracene	11.510	178	2850387	44.222	ng	98
73) Carbazole	11.657	167	2305052	39.104	ng	98
74) Di-n-butylphthalate	11.992	149	3036719	43.829	ng	99
75) Fluoranthene	12.639	202	2445753	35.075	ng	99
77) Benzidine	12.763	184	509568	73.487	ng	99
78) Pyrene	12.868	202	2403255	39.436	ng	98
80) Butylbenzylphthalate	13.492	149	927674	46.100	ng	92
81) Benzo(a)anthracene	14.057	228	1834244	43.146	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	340039	31.557	ng	98
83) Chrysene	14.092	228	1800729	44.136	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	1253780	42.765	ng	99
85) Di-n-octyl phthalate	14.668	149	2049341	50.782	ng	98
87) Indeno(1,2,3-cd)pyrene	17.033	276	1224279	31.846	ng	98
88) Benzo(b)fluoranthene	15.115	252	1932917	41.817	ng	100
89) Benzo(k)fluoranthene	15.145	252	1887572	42.822	ng	99
90) Benzo(a)pyrene	15.486	252	1610735	46.012	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	935275	30.639	ng	99
92) Benzo(g,h,i)perylene	17.486	276	920488	28.949	ng	97

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

