

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061024\
 Data File : BF138175.D
 Acq On : 10 Jun 2024 16:40
 Operator : CG\JU
 Sample : P2795-07MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3-(10-15)-COMPMSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 17:08:02 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	379959	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	1509108	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	827792	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	1413274	20.000	ng	-0.01
76) Chrysene-d12	14.057	240	794440	20.000	ng	-0.01
86) Perylene-d12	15.533	264	862430	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2521113	113.080	ng	0.00
7) Phenol-d6	6.528	99	3225992	114.363	ng	0.00
23) Nitrobenzene-d5	7.463	82	1871268	84.365	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	873221	109.612	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	3586836	75.764	ng	-0.01
79) Terphenyl-d14	13.004	244	3516508	66.207	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	372762	36.480	ng	99
3) Pyridine	3.504	79	940740	37.572	ng	99
4) n-Nitrosodimethylamine	3.451	42	520915	42.379	ng	92
6) Aniline	6.557	93	855924	29.926	ng	100
8) 2-Chlorophenol	6.681	128	1082215	44.868	ng	99
10) Phenol	6.539	94	1341077m	46.274	ng	
11) bis(2-Chloroethyl)ether	6.634	93	1010935	43.513	ng	99
12) 1,3-Dichlorobenzene	6.839	146	1135645	41.093	ng	100
13) 1,4-Dichlorobenzene	6.916	146	1152165	41.396	ng	99
14) 1,2-Dichlorobenzene	7.063	146	1099895	42.099	ng	98
15) Benzyl Alcohol	7.039	79	877242	43.952	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1504481	44.110	ng	99
17) 2-Methylphenol	7.145	107	847256	43.399	ng	98
18) Hexachloroethane	7.410	117	389210	40.971	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	762305	42.382	ng	99
20) 3+4-Methylphenols	7.298	107	1059288	43.605	ng	93
22) Acetophenone	7.304	105	1451656	41.784	ng	# 91
24) Nitrobenzene	7.481	77	1072683	44.394	ng	99
25) Isophorone	7.716	82	2002086	40.972	ng	99
26) 2-Nitrophenol	7.792	139	416136	42.693	ng	98
27) 2,4-Dimethylphenol	7.828	122	784809m	46.238	ng	
28) bis(2-Chloroethoxy)met...	7.928	93	1241622	41.714	ng	100
29) 2,4-Dichlorophenol	8.034	162	893011	43.653	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	979035	39.663	ng	99
31) Naphthalene	8.204	128	3028121	41.485	ng	100
32) Benzoic acid	7.951	122	472774	40.073	ng	99
33) 4-Chloroaniline	8.245	127	354836	12.935	ng	98
34) Hexachlorobutadiene	8.316	225	546629	37.686	ng	100
35) Caprolactam	8.616	113	291856m	42.726	ng	
36) 4-Chloro-3-methylphenol	8.728	107	899531	42.909	ng	100
37) 2-Methylnaphthalene	8.892	142	2030900	41.274	ng	100
38) 1-Methylnaphthalene	8.992	142	1872437	38.864	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	970989	41.547	ng	99
41) Hexachlorocyclopentadiene	9.045	237	777227	100.740	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	635363	44.776	ng	98
44) 2,4,5-Trichlorophenol	9.210	196	684644	43.787	ng	98

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46) 1,1'-Biphenyl	9.357	154	2493616	42.885	ng	98
47) 2-Chloronaphthalene	9.380	162	1902975	41.066	ng	98
48) 2-Nitroaniline	9.475	65	501728	44.016	ng	92
49) Acenaphthylene	9.798	152	2987133	45.553	ng	99
50) Dimethylphthalate	9.657	163	2173341	41.784	ng	100
51) 2,6-Dinitrotoluene	9.716	165	455038	40.854	ng	95
52) Acenaphthene	9.969	154	1928226	43.519	ng	99
53) 3-Nitroaniline	9.886	138	280868	26.276	ng	97
54) 2,4-Dinitrophenol	9.992	184	283479	70.619	ng	96
55) Dibenzofuran	10.139	168	2676260	42.704	ng	99
56) 4-Nitrophenol	10.045	139	757101	95.700	ng	98
57) 2,4-Dinitrotoluene	10.122	165	600817	44.926	ng	94
58) Fluorene	10.486	166	2083246	41.851	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	559264	45.347	ng	99
60) Diethylphthalate	10.357	149	2105832	41.473	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	1007680	39.848	ng	97
62) 4-Nitroaniline	10.504	138	471725	48.588	ng	95
63) Azobenzene	10.633	77	2137734	43.711	ng	97
65) 4,6-Dinitro-2-methylph...	10.527	198	212884	42.915	ng	84
66) n-Nitrosodiphenylamine	10.598	169	1883745	44.635	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	674123	41.892	ng	93
68) Hexachlorobenzene	11.027	284	747858	39.976	ng	94
69) Atrazine	11.122	200	615346	45.318	ng	99
70) Pentachlorophenol	11.222	266	805702	80.453	ng	99
71) Phenanthrene	11.445	178	2978769	43.782	ng	99
72) Anthracene	11.498	178	2999927	44.209	ng	100
73) Carbazole	11.651	167	2552163	41.126	ng	99
74) Di-n-butylphthalate	11.980	149	3050046	41.814	ng	99
75) Fluoranthene	12.633	202	2769506	37.727	ng	99
77) Benzidine	12.751	184	677944	82.926	ng	98
78) Pyrene	12.863	202	2778411	38.671	ng	98
80) Butylbenzylphthalate	13.480	149	951687	40.113	ng	98
81) Benzo(a)anthracene	14.045	228	2162099	43.137	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	518819	40.839	ng	99
83) Chrysene	14.086	228	2111960	43.905	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	1314797	38.038	ng	97
85) Di-n-octyl phthalate	14.657	149	1938562	40.744	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	1971462	42.423	ng	99
88) Benzo(b)fluoranthene	15.098	252	2232375m	41.175	ng	
89) Benzo(k)fluoranthene	15.133	252	2104654	40.707	ng	100
90) Benzo(a)pyrene	15.468	252	1983833	48.314	ng	# 97
91) Dibenzo(a,h)anthracene	17.039	278	1602417	43.071	ng	98
92) Benzo(g,h,i)perylene	17.468	276	1442262	37.668	ng	100

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

