Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061224\
Data File : BF138195.D
Acq On : 12 Jun 2024 15:42
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061224

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

Quant Time: Jun 13 01:55:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	338095	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1314905	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	720851	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	1242199	20.000	ng	0.00
76) Chrysene-d12	14.051	240	807807	20.000	ng	0.00
86) Perylene-d12	15.521	264	690227	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1683756	83.309	ng	0.00
7) Phenol-d6	6.522	99	2139486	83.481	ng	0.00
23) Nitrobenzene-d5	7.457	82	1924512	85.206	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	623942	86.946	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3564986	78.641	ng	0.00
79) Terphenyl-d14	13.004	244	3822258	74.941	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	384134	41.532	ng	100
3) Pyridine	3.440	79	917512	41.738	ng	98
4) n-Nitrosodimethylamine	3.405	42	421710	41.451	ng	98
6) Aniline	6.551	93	1078364m	43.003	ng	
8) 2-Chlorophenol	6.681	128	925098	42.337	ng	99
9) Benzaldehyde	6.446	77	564762	41.490	ng	98
10) Phenol	6.534	94	1100579m	42.316	ng	
11) bis(2-Chloroethyl)ether	6.634	93	865526	41.581	ng	99
12) 1,3-Dichlorobenzene	6.834	146	1037609	41.784	ng	100
13) 1,4-Dichlorobenzene	6.910	146	1050375	42.031	ng	100
14) 1,2-Dichlorobenzene	7.063	146	981150	41.822	ng	99
15) Benzyl Alcohol	7.034	79	744899	43.107	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1225377	41.711	ng	100
17) 2-Methylphenol	7.140	107	732670	42.499	ng	99
18) Hexachloroethane	7.410	117	362063	42.765	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	642235	42.276	ng	98
20) 3+4-Methylphenols	7.298	107	930402	42.878	ng	98
22) Acetophenone	7.304	105	1218263	40.558	ng	99
24) Nitrobenzene	7.481	77	982897	42.105	ng	93
25) Isophorone	7.716	82	1687010	41.293	ng	99
26) 2-Nitrophenol	7.792	139	458642	48.860	ng	100
27) 2,4-Dimethylphenol	7.822	122	602947	42.220	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	1056853	41.325	ng	99
29) 2,4-Dichlorophenol	8.028	162	771457	41.958	ng	100
30) 1,2,4-Trichlorobenzene	8.116	180	886851	40.900	ng	99
31) Naphthalene	8.198	128	2655568	40.843	ng	100
32) Benzoic acid	7.940	122	602577	47.874	ng	99
33) 4-Chloroaniline	8.245	127	1002827	41.267	ng	99
34) Hexachlorobutadiene	8.316	225	513732	40.510	ng	99
35) Caprolactam	8.616	113	246871	44.475	ng	96
36) 4-Chloro-3-methylphenol	8.722	107	775406	42.357	ng	98
37) 2-Methylnaphthalene	8.887	142	1759819	41.241	ng	100
38) 1-Methylnaphthalene	8.986	142	1718541	41.098	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	851965	40.445	ng	100
41) Hexachlorocyclopentadiene	9.039	237	297160	43.264	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	561322	42.558	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	605275	41.788	ng	97
46) 1,1'-Biphenyl	9.351	154	2134664	40.357	ng	99
47) 2-Chloronaphthalene	9.381	162	1679650	40.180	ng	97
48) 2-Nitroaniline	9.469	65	463261	46.016	ng	99
49) Acenaphthylene	9.792	152	2393703	40.835	ng	100
50) Dimethylphthalate	9.651	163	1812778	41.044	ng	99
51) 2,6-Dinitrotoluene	9.710	165	436056	45.509	ng	98
52) Acenaphthene	9.963	154	1645264	41.160	ng	99
53) 3-Nitroaniline	9.881	138	456615	44.609	ng	100
54) 2,4-Dinitrophenol	9.981	184	189224	46.941	ng	99
55) Dibenzofuran	10.133	168	2255760	40.369	ng	100
56) 4-Nitrophenol	10.034	139	374218	46.263	ng	87
57) 2,4-Dinitrotoluene	10.116	165	552918	46.786	ng	97
58) Fluorene	10.481	166	1781439	40.548	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	480628	42.458	ng	99
60) Diethylphthalate	10.351	149	1726862	41.196	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	886005	40.492	ng	99
62) 4-Nitroaniline	10.498	138	455502	44.538	ng	96
63) Azobenzene	10.633	77	1721593	40.994	ng	94
65) 4,6-Dinitro-2-methylph...	10.522	198	271655	43.651	ng	83
66) n-Nitrosodiphenylamine	10.592	169	1545741	40.645	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	578021	41.295	ng	98
68) Hexachlorobenzene	11.022	284	667153	40.842	ng	100
69) Atrazine	11.116	200	443386	40.932	ng	99
70) Pentachlorophenol	11.216	266	427935	44.920	ng	98
71) Phenanthrene	11.439	178	2496805	40.644	ng	100
72) Anthracene	11.492	178	2477241	40.616	ng	99
73) Carbazole	11.645	167	2304408	41.193	ng	100
74) Di-n-butylphthalate	11.975	149	2516425	43.451	ng	100
75) Fluoranthene	12.627	202	2640339	42.149	ng	99
77) Benzidine	12.745	184	670549	71.765	ng	99
78) Pyrene	12.857	202	2709582	38.887	ng	99
80) Butylbenzylphthalate	13.474	149	897292	47.343	ng	94
81) Benzo(a)anthracene	14.039	228	2106798	40.652	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	591077	41.417	ng	98
83) Chrysene	14.080	228	1965515	39.789	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	1069133	48.501	ng	99
85) Di-n-octyl phthalate	14.645	149	1420025	43.362	ng	100
87) Indeno(1,2,3-cd)pyrene	17.010	276	1830610	40.684	ng	100
88) Benzo(b)fluoranthene	15.092	252	1811025	44.493	ng	99
89) Benzo(k)fluoranthene	15.121	252	1591105	39.887	ng	99
90) Benzo(a)pyrene	15.463	252	1463058	41.840	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	1512407	40.950	ng	99
92) Benzo(g,h,i)perylene	17.457	276	1566636	41.003	ng	99

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

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