Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
Data File : BF137579.D
Acq On : 13 Mar 2024 16:21
Operator : CG\JU
Sample : P1733-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

Quant Time: Mar 13 16:51:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 12 02:00:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	196309	20.000	ng	0.02
21) Naphthalene-d8	8.192	136	789766	20.000	ng	0.02
39) Acenaphthene-d10	9.945	164	436022	20.000	ng	0.01
64) Phenanthrene-d10	11.439	188	692186	20.000	ng	0.00
76) Chrysene-d12	14.110	240	395934	20.000	ng	0.01
86) Perylene-d12	15.668	264	455740	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	1015818	78.371	ng	0.03
7) Phenol-d6	6.569	99	1399614	74.807	ng	0.01
23) Nitrobenzene-d5	7.481	82	852766	50.171	ng	0.01
42) 2,4,6-Tribromophenol	10.745	330	300869	78.576	ng	0.01
45) 2-Fluorobiphenyl	9.269	172	1396074	50.120	ng	0.01
79) Terphenyl-d14	13.045	244	1281160	44.496	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.899	88	259209	36.574	ng	98
3) Pyridine	3.681	79	618412	36.180	ng	97
4) n-Nitrosodimethylamine	3.663	42	276650	40.594	ng	95
6) Aniline	6.593	93	546757	23.916	ng	97
8) 2-Chlorophenol	6.710	128	600233	43.905	ng	96
9) Benzaldehyde	6.481	77	196500	21.438	ng	98
10) Phenol	6.581	94	834728	41.451	ng	98
11) bis(2-Chloroethyl)ether	6.663	93	622122	42.158	ng	99
12) 1,3-Dichlorobenzene	6.863	146	627943	42.984	ng	97
13) 1,4-Dichlorobenzene	6.940	146	640246	42.835	ng	99
14) 1,2-Dichlorobenzene	7.087	146	607506	44.281	ng	98
15) Benzyl Alcohol	7.063	79	558440	47.944	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.187	45	978379	38.570	ng	92
17) 2-Methylphenol	7.175	107	486786	38.052	ng	99
18) Hexachloroethane	7.422	117	221144	44.933	ng	96
19) n-Nitroso-di-n-propyla...	7.334	70	446253	38.625	ng	98
20) 3+4-Methylphenols	7.328	107	575802	39.301	ng	96
22) Acetophenone	7.328	105	780523	40.847	ng	98
24) Nitrobenzene	7.498	77	683920	40.055	ng	97
25) Isophorone	7.734	82	1295748	40.126	ng	97
26) 2-Nitrophenol	7.810	139	315255	46.505	ng	96
27) 2,4-Dimethylphenol	7.851	122	430639	33.998	ng	97
28) bis(2-Chloroethoxy)met...	7.945	93	785107	41.438	ng	98
29) 2,4-Dichlorophenol	8.051	162	504703	43.415	ng	98
30) 1,2,4-Trichlorobenzene	8.134	180	526308	43.022	ng	99
31) Naphthalene	8.210	128	1703194	40.195	ng	99
32) Benzoic acid	7.987	122	289257	40.750	ng	98
33) 4-Chloroaniline	8.263	127	147465	8.875	ng	99
34) Hexachlorobutadiene	8.328	225	303832	42.068	ng	100
35) Caprolactam	8.640	113	172399m	43.735	ng	
36) 4-Chloro-3-methylphenol	8.751	107	544852	41.930	ng	99
37) 2-Methylnaphthalene	8.904	142	1070703	39.637	ng	99
38) 1-Methylnaphthalene	9.004	142	987530	38.819	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	517268	42.494	ng	99
41) Hexachlorocyclopentadiene	9.051	237	360865	73.402	ng	99
43) 2,4,6-Trichlorophenol	9.181	196	345752	43.618	ng	99

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44) 2,4,5-Trichlorophenol	9.228	196	370328	40.556	ng		98
46) 1,1'-Biphenyl	9.369	154	1312238	41.119	ng		98
47) 2-Chloronaphthalene	9.392	162	993363	40.827	ng		99
48) 2-Nitroaniline	9.492	65	356350	43.090	ng		94
49) Acenaphthylene	9.810	152	1626701	41.777	ng		100
50) Dimethylphthalate	9.681	163	1258142	41.451	ng		99
51) 2,6-Dinitrotoluene	9.739	165	271230	42.724	ng		94
52) Acenaphthene	9.981	154	911468	39.209	ng		100
53) 3-Nitroaniline	9.910	138	157891	23.513	ng		93
54) 2,4-Dinitrophenol	10.022	184	232536	75.602	ng		92
55) Dibenzofuran	10.157	168	1381145	39.009	ng		99
56) 4-Nitrophenol	10.081	139	373051	78.195	ng		98
57) 2,4-Dinitrotoluene	10.145	165	332974	42.691	ng		93
58) Fluorene	10.498	166	1028156	37.812	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.275	232	299820	40.945	ng		95
60) Diethylphthalate	10.381	149	1176919	41.061	ng		100
61) 4-Chlorophenyl-phenyle...	10.492	204	518620	38.918	ng		99
62) 4-Nitroaniline	10.533	138	228066	39.516	ng		90
63) Azobenzene	10.657	77	1289317	39.065	ng		99
65) 4,6-Dinitro-2-methylph...	10.557	198	177485	46.006	ng		86
66) n-Nitrosodiphenylamine	10.616	169	960743	43.103	ng		99
67) 4-Bromophenyl-phenylether	10.986	248	336253	44.601	ng		99
68) Hexachlorobenzene	11.051	284	353516	46.426	ng	#	90
69) Atrazine	11.151	200	307736	45.416	ng		97
70) Pentachlorophenol	11.251	266	357684	77.703	ng		99
71) Phenanthrene	11.469	178	1514590	40.207	ng		99
72) Anthracene	11.522	178	1556513	40.231	ng		100
73) Carbazole	11.680	167	1317278	39.749	ng		99
74) Di-n-butylphthalate	12.016	149	1715724	43.514	ng		100
75) Fluoranthene	12.663	202	1411286	38.328	ng		99
77) Benzidine	12.798	184	506654	52.290	ng		98
78) Pyrene	12.892	202	1438351	37.023	ng		99
80) Butylbenzylphthalate	13.527	149	561325	56.575	ng		100
81) Benzo(a)anthracene	14.098	228	1165275	41.991	ng		99
82) 3,3'-Dichlorobenzidine	14.063	252	333785	45.167	ng		99
83) Chrysene	14.133	228	1192179	42.506	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	784914	62.241	ng	#	98
85) Di-n-octyl phthalate	14.727	149	1441797	58.000	ng		97
87) Indeno(1,2,3-cd)pyrene	17.315	276	1119333	37.322	ng		98
88) Benzo(b)fluoranthene	15.198	252	1214040	45.033	ng		100
89) Benzo(k)fluoranthene	15.233	252	1140934	39.402	ng		99
90) Benzo(a)pyrene	15.604	252	1117734	42.073	ng		99
91) Dibenzo(a,h)anthracene	17.345	278	904069	37.160	ng		98
92) Benzo(g,h,i)perylene	17.815	276	823035	32.941	ng		99

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

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