Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
Data File : BF137576.D
Acq On : 13 Mar 2024 14:46
Operator : CG\JU
Sample : P1725-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

Manual Integrations APPROVED

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

Quant Time: Mar 13 15:48:11 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	6.916	152	213754	20.000	ng	0.01
21) Naphthalene-d8	8.181	136	857929	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	474142	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	742236	20.000	ng	0.00
76) Chrysene-d12	14.104	240	430728	20.000	ng	0.00
86) Perylene-d12	15.657	264	499010	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1236152	87.587	ng	0.02
7) Phenol-d6	6.563	99	1708931	83.885	ng	0.00
23) Nitrobenzene-d5	7.475	82	1072609	58.091	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	378343	90.865	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1691070	55.830	ng	0.00
79) Terphenyl-d14	13.039	244	1554339	49.623	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.863	88	264181	34.233	ng	100
3) Pyridine	3.652	79	637521	34.254	ng	99
4) n-Nitrosodimethylamine	3.634	42	291025	39.347	ng	96
6) Aniline	6.587	93	559191	22.464	ng	98
8) 2-Chlorophenol	6.704	128	639286	42.945	ng	98
9) Benzaldehyde	6.475	77	229312	22.976	ng	97
10) Phenol	6.575	94	874391	39.877	ng	99
11) bis(2-Chloroethyl)ether	6.657	93	632467	39.361	ng	99
12) 1,3-Dichlorobenzene	6.857	146	659332	41.450	ng	95
13) 1,4-Dichlorobenzene	6.928	146	674457	41.441	ng	97
14) 1,2-Dichlorobenzene	7.081	146	638021	42.710	ng	97
15) Benzyl Alcohol	7.057	79	592220	46.694	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1033602	37.422	ng	93
17) 2-Methylphenol	7.169	107	519697	37.310	ng	98
18) Hexachloroethane	7.416	117	230366	42.987	ng	97
19) n-Nitroso-di-n-propyla...	7.328	70	477607	37.965	ng	99
20) 3+4-Methylphenols	7.322	107	607294	38.068	ng	96
22) Acetophenone	7.322	105	828716	39.923	ng	99
24) Nitrobenzene	7.492	77	738846	39.833	ng	97
25) Isophorone	7.728	82	1392047	39.683	ng	98
26) 2-Nitrophenol	7.804	139	339186	46.060	ng	96
27) 2,4-Dimethylphenol	7.845	122	462082	33.582	ng	98
28) bis(2-Chloroethoxy)met...	7.940	93	836548	40.645	ng	99
29) 2,4-Dichlorophenol	8.045	162	534554	42.329	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	550940	41.457	ng	98
31) Naphthalene	8.204	128	1796773	39.034	ng	100
32) Benzoic acid	7.987	122	310660	40.359	ng	100
33) 4-Chloroaniline	8.257	127	141944	7.864	ng	99
34) Hexachlorobutadiene	8.322	225	319937	40.778	ng	99
35) Caprolactam	8.634	113	189711m	44.303	ng	
36) 4-Chloro-3-methylphenol	8.745	107	591734	41.920	ng	100
37) 2-Methylnaphthalene	8.898	142	1137394	38.760	ng	99
38) 1-Methylnaphthalene	8.998	142	1047349	37.900	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	547548	41.365	ng	99
41) Hexachlorocyclopentadiene	9.045	237	424047	78.654	ng	98
43) 2,4,6-Trichlorophenol	9.181	196	370610	42.995	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	386132	38.887	ng		98
46) 1,1'-Biphenyl	9.363	154	1411632	40.678	ng		99
47) 2-Chloronaphthalene	9.386	162	1097143	41.467	ng		99
48) 2-Nitroaniline	9.486	65	380752	42.339	ng		96
49) Acenaphthylene	9.804	152	1739008	41.070	ng		100
50) Dimethylphthalate	9.675	163	1340363	40.610	ng		100
51) 2,6-Dinitrotoluene	9.734	165	293659	42.538	ng		97
52) Acenaphthene	9.975	154	976453	38.628	ng		99
53) 3-Nitroaniline	9.904	138	154008	21.091	ng		95
54) 2,4-Dinitrophenol	10.016	184	275622	81.665	ng		96
55) Dibenzofuran	10.151	168	1467895	38.126	ng		99
56) 4-Nitrophenol	10.081	139	397025	76.625	ng		97
57) 2,4-Dinitrotoluene	10.139	165	359522	42.389	ng		91
58) Fluorene	10.498	166	1112434	37.623	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	322261m	40.471	ng		
60) Diethylphthalate	10.375	149	1257302	40.339	ng		100
61) 4-Chlorophenyl-phenyle...	10.486	204	554411	38.258	ng		99
62) 4-Nitroaniline	10.528	138	242425	38.627	ng		94
63) Azobenzene	10.651	77	1388311	38.682	ng		100
65) 4,6-Dinitro-2-methylph...	10.551	198	201362	48.675	ng		91
66) n-Nitrosodiphenylamine	10.610	169	1032035	43.180	ng		99
67) 4-Bromophenyl-phenylether	10.980	248	357947	44.277	ng		96
68) Hexachlorobenzene	11.045	284	374002	45.804	ng	#	92
69) Atrazine	11.145	200	322031	44.321	ng		98
70) Pentachlorophenol	11.245	266	390982	79.210	ng		99
71) Phenanthrene	11.463	178	1676886	41.513	ng		99
72) Anthracene	11.516	178	1650240	39.777	ng		99
73) Carbazole	11.675	167	1407277	39.601	ng		99
74) Di-n-butylphthalate	12.010	149	1818405	43.008	ng		99
75) Fluoranthene	12.663	202	1609359	40.760	ng		97
77) Benzidine	12.792	184	481725	45.701	ng		97
78) Pyrene	12.892	202	1623845	38.421	ng		100
80) Butylbenzylphthalate	13.522	149	598009	55.404	ng		98
81) Benzo(a)anthracene	14.092	228	1289180	42.703	ng		99
82) 3,3'-Dichlorobenzidine	14.063	252	312909	38.922	ng	#	97
83) Chrysene	14.133	228	1327315	43.501	ng		99
84) Bis(2-ethylhexyl)phtha...	14.092	149	787888	57.430	ng		100
85) Di-n-octyl phthalate	14.721	149	1534080	56.850	ng		98
87) Indeno(1,2,3-cd)pyrene	17.310	276	1266450	38.566	ng		98
88) Benzo(b)fluoranthene	15.198	252	1362982	46.174	ng		98
89) Benzo(k)fluoranthene	15.227	252	1264463	39.881	ng		99
90) Benzo(a)pyrene	15.592	252	1234146	42.427	ng		98
91) Dibenzo(a,h)anthracene	17.333	278	990975	37.201	ng		99
92) Benzo(g,h,i)perylene	17.804	276	936975	34.249	ng		99

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

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