Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
Data File : BF137317.D
Acq On : 07 Feb 2024 13:46
Operator : CG\JU
Sample : P1318-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 07 14:07:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/08/2024
Supervised By :mohammad ahmed 02/09/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	56427	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	219220	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	131737	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	266586	20.000	ng		0.00
76) Chrysene-d12	13.974	240	155252	20.000	ng		0.00
86) Perylene-d12	15.457	264	150859	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	463812	135.631	ng		0.02
7) Phenol-d6	6.428	99	593309	121.575	ng		0.00
23) Nitrobenzene-d5	7.351	82	453339	92.586	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	225025	151.249	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	813807	84.920	ng		0.00
79) Terphenyl-d14	12.916	244	988834	86.586	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	64465	35.232	ng	#	82
3) Pyridine	3.446	79	92209	26.353	ng		98
4) n-Nitrosodimethylamine	3.393	42	94478	50.330	ng		99
6) Aniline	6.463	93	99872	19.117	ng		91
8) 2-Chlorophenol	6.575	128	175828	45.985	ng		94
9) Benzaldehyde	6.346	77	8821	4.746	ng		95
10) Phenol	6.440	94	219355	40.268	ng		92
11) bis(2-Chloroethyl)ether	6.528	93	160332	44.042	ng		98
12) 1,3-Dichlorobenzene	6.728	146	187893	41.912	ng		98
13) 1,4-Dichlorobenzene	6.804	146	197855	42.675	ng		99
14) 1,2-Dichlorobenzene	6.957	146	185550	42.803	ng		98
15) Benzyl Alcohol	6.934	79	177805	51.283	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	267554	40.800	ng		99
17) 2-Methylphenol	7.045	107	152323	47.685	ng		100
18) Hexachloroethane	7.298	117	70608	42.226	ng		99
19) n-Nitroso-di-n-propyla...	7.204	70	152455	45.562	ng		99
20) 3+4-Methylphenols	7.198	107	189997	46.985	ng	#	85
22) Acetophenone	7.198	105	277126	46.957	ng		97
24) Nitrobenzene	7.369	77	224819	47.306	ng		99
25) Isophorone	7.610	82	409087	45.264	ng		99
26) 2-Nitrophenol	7.687	139	89231	48.473	ng		91
27) 2,4-Dimethylphenol	7.722	122	126759	49.069	ng		97
28) bis(2-Chloroethoxy)met...	7.822	93	218623	45.552	ng		98
29) 2,4-Dichlorophenol	7.928	162	159593	49.800	ng		97
30) 1,2,4-Trichlorobenzene	8.010	180	175133	43.996	ng		99
31) Naphthalene	8.087	128	537110	45.321	ng		99
32) Benzoic acid	7.857	122	96831	52.207	ng		96
33) 4-Chloroaniline	8.157	127	21274m	5.219	ng		
34) Hexachlorobutadiene	8.204	225	115677	43.704	ng		97
35) Caprolactam	8.516	113	45278m	45.438	ng		
36) 4-Chloro-3-methylphenol	8.628	107	190361	50.292	ng		98
37) 2-Methylnaphthalene	8.781	142	360661	45.393	ng		100
38) 1-Methylnaphthalene	8.881	142	340937	46.199	ng		97
40) 1,2,4,5-Tetrachloroben...	8.945	216	195242	44.292	ng		99
41) Hexachlorocyclopentadiene	8.934	237	225414	107.366	ng		97
43) 2,4,6-Trichlorophenol	9.057	196	127231	50.888	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	140654	51.467	ng		93
46) 1,1'-Biphenyl	9.245	154	478412	45.644	ng		99
47) 2-Chloronaphthalene	9.269	162	348188	44.888	ng		97
48) 2-Nitroaniline	9.375	65	138099	55.006	ng		95
49) Acenaphthylene	9.686	152	574260	46.244	ng		100
50) Dimethylphthalate	9.557	163	436174	49.010	ng		100
51) 2,6-Dinitrotoluene	9.616	165	102337	53.924	ng		91
52) Acenaphthene	9.857	154	341610	46.807	ng		99
53) 3-Nitroaniline	9.786	138	34483	20.191	ng		97
54) 2,4-Dinitrophenol	9.892	184	111479	124.451	ng		89
55) Dibenzofuran	10.034	168	542711	46.739	ng		100
56) 4-Nitrophenol	9.957	139	140252	130.718	ng		93
57) 2,4-Dinitrotoluene	10.022	165	141340	57.398	ng		93
58) Fluorene	10.375	166	429765	47.212	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	129140m	50.786	ng		
60) Diethylphthalate	10.257	149	433215	49.436	ng		99
61) 4-Chlorophenyl-phenyle...	10.375	204	213526	47.192	ng		96
62) 4-Nitroaniline	10.404	138	85818m	52.497	ng		
63) Azobenzene	10.533	77	454768	46.859	ng		98
65) 4,6-Dinitro-2-methylph...	10.428	198	79763	55.520	ng		89
66) n-Nitrosodiphenylamine	10.492	169	373273	46.050	ng		98
67) 4-Bromophenyl-phenylether	10.863	248	141411	48.242	ng		94
68) Hexachlorobenzene	10.922	284	151198	46.179	ng		99
69) Atrazine	11.028	200	92622	34.614	ng		99
70) Pentachlorophenol	11.122	266	205448	109.460	ng		98
71) Phenanthrene	11.345	178	659905	47.284	ng		99
72) Anthracene	11.398	178	684147	47.032	ng		98
73) Carbazole	11.551	167	586927	48.280	ng		98
74) Di-n-butylphthalate	11.892	149	661043	50.303	ng		99
75) Fluoranthene	12.539	202	694949	47.587	ng		99
77) Benzidine	12.686	184	9913	3.566	ng	#	93
78) Pyrene	12.769	202	682525	45.746	ng		100
80) Butylbenzylphthalate	13.398	149	242247	63.471	ng		93
81) Benzo(a)anthracene	13.963	228	510413	46.422	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	79667	26.595	ng		96
83) Chrysene	13.998	228	523136	48.396	ng		99
84) Bis(2-ethylhexyl)phtha...	13.969	149	314536	70.836	ng	#	98
85) Di-n-octyl phthalate	14.586	149	474196	67.164	ng		100
87) Indeno(1,2,3-cd)pyrene	16.962	276	523402	49.384	ng		99
88) Benzo(b)fluoranthene	15.021	252	477601	51.479	ng		99
89) Benzo(k)fluoranthene	15.057	252	431783	43.993	ng		99
90) Benzo(a)pyrene	15.392	252	413899	47.406	ng		99
91) Dibenzo(a,h)anthracene	16.986	278	428137	50.414	ng		99
92) Benzo(g,h,i)perylene	17.421	276	416532	49.973	ng		99

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

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