Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053124\
Data File : BF138086.D
Acq On : 31 May 2024 14:20
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 01 01:07:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF053124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 01 01:06:32 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.034	152	114479	20.000	ng		0.00
21) Naphthalene-d8	8.316	136	456719	20.000	ng		0.00
39) Acenaphthene-d10	10.081	164	272520	20.000	ng		0.00
64) Phenanthrene-d10	11.580	188	496317	20.000	ng		0.00
76) Chrysene-d12	14.233	240	385482	20.000	ng		0.00
86) Perylene-d12	15.804	264	327545	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.657	112	69140	10.796	ng		0.00
7) Phenol-d6	6.651	99	90342	10.955	ng		-0.01
23) Nitrobenzene-d5	7.593	82	81366	10.381	ng		-0.01
42) 2,4,6-Tribromophenol	10.875	330	33727	10.610	ng		0.00
45) 2-Fluorobiphenyl	9.392	172	206849	11.251	ng		0.00
79) Terphenyl-d14	13.163	244	267551	10.040	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.946	88	14963	5.382	ng		99
3) Pyridine	3.740	79	26586m	4.326	ng		
4) n-Nitrosodimethylamine	3.663	42	13210	4.895	ng	#	85
8) 2-Chlorophenol	6.822	128	40747	5.546	ng		91
9) Benzaldehyde	6.587	77	26079	7.114	ng		96
10) Phenol	6.663	94	44044m	5.385	ng		
11) bis(2-Chloroethyl)ether	6.757	93	33906	5.017	ng		98
12) 1,3-Dichlorobenzene	6.975	146	46007	5.389	ng		95
13) 1,4-Dichlorobenzene	7.051	146	45987	5.359	ng		97
14) 1,2-Dichlorobenzene	7.204	146	45085	5.552	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.298	45	39117	5.252	ng		97
17) 2-Methylphenol	7.281	107	31574	5.354	ng		96
18) Hexachloroethane	7.545	117	15389	5.279	ng		94
19) n-Nitroso-di-n-propyla...	7.428	70	26535	5.549	ng		94
20) 3+4-Methylphenols	7.434	107	40233	5.427	ng	#	46
22) Acetophenone	7.434	105	54738	5.320	ng	#	95
24) Nitrobenzene	7.610	77	39959	5.122	ng		100
25) Isophorone	7.845	82	71517	5.289	ng		99
26) 2-Nitrophenol	7.928	139	19840	4.758	ng		93
27) 2,4-Dimethylphenol	7.963	122	23377	4.684	ng		97
28) bis(2-Chloroethoxy)met...	8.051	93	44027	5.320	ng		96
29) 2,4-Dichlorophenol	8.187	162	33568	5.011	ng		99
30) 1,2,4-Trichlorobenzene	8.257	180	39220	5.283	ng		97
31) Naphthalene	8.340	128	129416	5.507	ng		97
33) 4-Chloroaniline	8.475	127	40471	5.109	ng		96
34) Hexachlorobutadiene	8.451	225	25642	5.348	ng		97
35) Caprolactam	8.734	113	10550	5.355	ng		97
36) 4-Chloro-3-methylphenol	8.875	107	34271	5.103	ng		99
37) 2-Methylnaphthalene	9.034	142	84931	5.493	ng		99
38) 1-Methylnaphthalene	9.134	142	81939	5.446	ng		99
40) 1,2,4,5-Tetrachloroben...	9.198	216	39876	5.155	ng		99
41) Hexachlorocyclopentadiene	9.181	237	10451	3.873	ng		94
43) 2,4,6-Trichlorophenol	9.310	196	25859	5.040	ng		95
44) 2,4,5-Trichlorophenol	9.369	196	28347	5.067	ng		97
46) 1,1'-Biphenyl	9.498	154	104708	5.342	ng		99
47) 2-Chloronaphthalene	9.522	162	83501	5.312	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2-Nitroaniline	9.622	65	19376	4.922	ng	97
49) Acenaphthylene	9.945	152	121344	5.394	ng	98
50) Dimethylphthalate	9.786	163	96160	5.325	ng	99
51) 2,6-Dinitrotoluene	9.857	165	21343	5.148	ng	97
52) Acenaphthene	10.116	154	77316	5.426	ng	97
53) 3-Nitroaniline	10.039	138	19233	4.874	ng	96
55) Dibenzofuran	10.286	168	119284	5.452	ng	99
56) 4-Nitrophenol	10.228	139	9683	3.682	ng	89
57) 2,4-Dinitrotoluene	10.263	165	27091	4.955	ng	99
58) Fluorene	10.633	166	96540	5.477	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	21500	4.874	ng	94
60) Diethylphthalate	10.486	149	92688	5.404	ng	96
61) 4-Chlorophenyl-phenyle...	10.622	204	49053	5.511	ng	98
62) 4-Nitroaniline	10.651	138	20107	5.612	ng	97
63) Azobenzene	10.781	77	78141	5.302	ng	97
65) 4,6-Dinitro-2-methylph...	10.669	198	13002	4.178	ng	98
66) n-Nitrosodiphenylamine	10.739	169	80228	5.196	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	29841	5.130	ng	96
68) Hexachlorobenzene	11.181	284	33530	5.187	ng	98
69) Atrazine	11.269	200	19064	4.472	ng	98
70) Pentachlorophenol	11.381	266	13961	4.172	ng	95
71) Phenanthrene	11.604	178	136832	5.481	ng	98
72) Anthracene	11.657	178	134838	5.416	ng	99
73) Carbazole	11.810	167	126388	5.464	ng	99
74) Di-n-butylphthalate	12.128	149	148916	5.394	ng	98
75) Fluoranthene	12.798	202	151860	5.765	ng	99
77) Benzidine	12.945	184	12038m	5.137	ng	
78) Pyrene	13.033	202	155841	4.759	ng	97
80) Butylbenzylphthalate	13.633	149	58530	4.923	ng	99
81) Benzo(a)anthracene	14.221	228	131812	5.236	ng	98
82) 3,3'-Dichlorobenzidine	14.180	252	37134	5.506	ng	98
83) Chrysene	14.257	228	126226	5.310	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	81310	5.027	ng	99
85) Di-n-octyl phthalate	14.816	149	122560	5.170	ng	99
87) Indeno(1,2,3-cd)pyrene	17.427	276	83647	4.237	ng	99
88) Benzo(b)fluoranthene	15.327	252	105192	5.213	ng	99
89) Benzo(k)fluoranthene	15.357	252	107340	5.599	ng	99
90) Benzo(a)pyrene	15.733	252	87143	5.166	ng	98
91) Dibenzo(a,h)anthracene	17.451	278	68418	4.224	ng	97
92) Benzo(g,h,i)perylene	17.927	276	68651	4.173	ng	97

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

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