Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070924\
Data File : BF138487.D
Acq On : 09 Jul 2024 15:00
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 09 16:46:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:32:47 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/10/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	97201	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	382106	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	211462	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	365298	20.000	ng		# 0.00
76) Chrysene-d12	14.027	240	174043	20.000	ng		0.00
86) Perylene-d12	15.486	264	174680	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	578842	94.314	ng		0.00
7) Phenol-d6	6.510	99	771859	94.538	ng		0.00
23) Nitrobenzene-d5	7.440	82	751286	96.534	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	188175	95.215	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1252096	92.542	ng		0.00
79) Terphenyl-d14	12.975	244	1042959	97.625	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	133329	49.051	ng		99
3) Pyridine	3.387	79	327424	48.845	ng		99
4) n-Nitrosodimethylamine	3.357	42	213301	48.881	ng		95
6) Aniline	6.534	93	358605	46.893	ng		97
8) 2-Chlorophenol	6.657	128	312326	48.127	ng		97
9) Benzaldehyde	6.422	77	195667	44.774	ng		98
10) Phenol	6.522	94	406635	46.922	ng		100
11) bis(2-Chloroethyl)ether	6.610	93	315092	48.291	ng		98
12) 1,3-Dichlorobenzene	6.810	146	346896	47.555	ng		98
13) 1,4-Dichlorobenzene	6.887	146	351263	47.419	ng		99
14) 1,2-Dichlorobenzene	7.040	146	324057	46.970	ng		98
15) Benzyl Alcohol	7.010	79	296174	48.337	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	613861	47.841	ng		100
17) 2-Methylphenol	7.128	107	254258	47.805	ng		98
18) Hexachloroethane	7.381	117	132441	48.634	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	233651	46.315	ng		100
20) 3+4-Methylphenols	7.281	107	310315	46.333	ng		94
22) Acetophenone	7.281	105	431309	46.476	ng	#	95
24) Nitrobenzene	7.457	77	384641	48.635	ng		93
25) Isophorone	7.692	82	636292	47.609	ng		98
26) 2-Nitrophenol	7.769	139	169767	50.083	ng		97
27) 2,4-Dimethylphenol	7.804	122	198606	47.671	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	380392	47.624	ng		100
29) 2,4-Dichlorophenol	8.010	162	262384	48.499	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	300057	47.610	ng		99
31) Naphthalene	8.175	128	930148	46.806	ng		100
32) Benzoic acid	7.940	122	214932m	54.355	ng		
33) 4-Chloroaniline	8.228	127	336211	48.218	ng		99
34) Hexachlorobutadiene	8.287	225	186170	47.970	ng		100
35) Caprolactam	8.604	113	84417	48.330	ng		95
36) 4-Chloro-3-methylphenol	8.704	107	289578	47.810	ng		98
37) 2-Methylnaphthalene	8.863	142	597862	46.750	ng		98
38) 1-Methylnaphthalene	8.963	142	585638	46.922	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	280664	47.622	ng		99
41) Hexachlorocyclopentadiene	9.010	237	100015	52.283	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	183347	48.770	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	201980	48.848	ng		96
46) 1,1'-Biphenyl	9.328	154	757338	47.258	ng		99
47) 2-Chloronaphthalene	9.351	162	577042	47.663	ng		98
48) 2-Nitroaniline	9.451	65	206768	49.286	ng		97
49) Acenaphthylene	9.769	152	819285	47.665	ng		99
50) Dimethylphthalate	9.628	163	654351	47.855	ng		99
51) 2,6-Dinitrotoluene	9.692	165	152381	48.401	ng		89
52) Acenaphthene	9.939	154	542416	47.474	ng		99
53) 3-Nitroaniline	9.863	138	158626	49.159	ng		93
54) 2,4-Dinitrophenol	9.969	184	80237	49.384	ng	#	84
55) Dibenzofuran	10.110	168	790470	47.698	ng		99
56) 4-Nitrophenol	10.028	139	120450	50.590	ng		93
57) 2,4-Dinitrotoluene	10.098	165	201861	49.555	ng		90
58) Fluorene	10.457	166	616044	46.980	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	161020	49.343	ng		100
60) Diethylphthalate	10.328	149	628489	47.679	ng		98
61) 4-Chlorophenyl-phenyle...	10.445	204	305578	46.408	ng		97
62) 4-Nitroaniline	10.475	138	161212	49.857	ng		99
63) Azobenzene	10.604	77	677258	47.788	ng		99
65) 4,6-Dinitro-2-methylph...	10.504	198	113251	53.692	ng		85
66) n-Nitrosodiphenylamine	10.563	169	526501	48.106	ng		98
67) 4-Bromophenyl-phenylether	10.933	248	179604	47.836	ng		99
68) Hexachlorobenzene	10.998	284	198777	47.656	ng		98
69) Atrazine	11.092	200	174729	48.153	ng		99
70) Pentachlorophenol	11.192	266	130547	52.893	ng		97
71) Phenanthrene	11.416	178	871365	47.215	ng		99
72) Anthracene	11.469	178	869076	47.439	ng		100
73) Carbazole	11.622	167	779562	47.351	ng		100
74) Di-n-butylphthalate	11.945	149	913635	48.145	ng		100
75) Fluoranthene	12.604	202	877359	46.590	ng		99
77) Benzidine	12.722	184	216794	49.371	ng		99
78) Pyrene	12.833	202	880758	49.851	ng		99
80) Butylbenzylphthalate	13.445	149	266647	50.171	ng		99
81) Benzo(a)anthracene	14.016	228	550956	47.178	ng		99
82) 3,3'-Dichlorobenzidine	13.974	252	142620	47.395	ng	#	98
83) Chrysene	14.051	228	520240	47.090	ng		100
84) Bis(2-ethylhexyl)phtha...	13.998	149	293149	51.717	ng		99
85) Di-n-octyl phthalate	14.610	149	457186	51.057	ng		100
87) Indeno(1,2,3-cd)pyrene	16.968	276	611883	52.149	ng		100
88) Benzo(b)fluoranthene	15.063	252	450549	45.799	ng		98
89) Benzo(k)fluoranthene	15.092	252	433763	45.210	ng		99
90) Benzo(a)pyrene	15.427	252	415269	48.054	ng		99
91) Dibenzo(a,h)anthracene	16.980	278	499008	51.991	ng		99
92) Benzo(g,h,i)perylene	17.415	276	528248	51.903	ng		95

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

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