Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
Data File : BF140333.D
Acq On : 13 Nov 2024 09:27
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 13 14:22:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 13:11:08 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	147440	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	561082	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	317345	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	615904	20.000	ng		0.00
76) Chrysene-d12	14.051	240	462864	20.000	ng		0.00
86) Perylene-d12	15.563	264	372118	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	98004	11.349	ng		0.00
7) Phenol-d6	6.493	99	130723	11.173	ng		-0.01
23) Nitrobenzene-d5	7.434	82	115292	10.706	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	34890	11.056	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	241751	12.246	ng		0.00
79) Terphenyl-d14	12.980	244	283824	10.644	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	21442	5.571	ng		95
3) Pyridine	3.422	79	52697	5.569	ng		98
4) n-Nitrosodimethylamine	3.346	42	24263	5.074	ng	#	97
6) Aniline	6.534	93	58498	5.748	ng		98
8) 2-Chlorophenol	6.657	128	51502	5.552	ng		99
9) Benzaldehyde	6.428	77	40600	5.790	ng		100
10) Phenol	6.504	94	66303	5.374	ng		99
11) bis(2-Chloroethyl)ether	6.604	93	50099	5.359	ng		97
12) 1,3-Dichlorobenzene	6.816	146	58435	5.709	ng		99
13) 1,4-Dichlorobenzene	6.893	146	58594	5.646	ng		99
14) 1,2-Dichlorobenzene	7.046	146	55054	5.714	ng		100
15) Benzyl Alcohol	7.010	79	43212	5.126	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.146	45	70257	5.441	ng		100
17) 2-Methylphenol	7.116	107	40243	5.274	ng		97
18) Hexachloroethane	7.387	117	20701	5.396	ng		97
19) n-Nitroso-di-n-propyla...	7.275	70	37919	5.366	ng		97
20) 3+4-Methylphenols	7.275	107	52942	5.548	ng	#	82
22) Acetophenone	7.281	105	74642	5.720	ng		95
24) Nitrobenzene	7.451	77	59394	5.297	ng		99
25) Isophorone	7.687	82	103224	5.409	ng		99
26) 2-Nitrophenol	7.769	139	24576	4.939	ng		99
27) 2,4-Dimethylphenol	7.804	122	33358	5.237	ng		97
28) bis(2-Chloroethoxy)met...	7.898	93	64672	5.526	ng		100
29) 2,4-Dichlorophenol	8.010	162	43077	5.472	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	48599	5.545	ng		99
31) Naphthalene	8.175	128	162710	5.717	ng		99
32) Benzoic acid	7.869	122	22671m	4.051	ng		
33) 4-Chloroaniline	8.222	127	54728	5.529	ng		99
34) Hexachlorobutadiene	8.293	225	30821	5.519	ng		99
35) Caprolactam	8.551	113	13807	5.217	ng		98
36) 4-Chloro-3-methylphenol	8.698	107	46450	5.324	ng		97
37) 2-Methylnaphthalene	8.869	142	105353	5.773	ng		97
38) 1-Methylnaphthalene	8.963	142	102975	5.762	ng		100
40) 1,2,4,5-Tetrachloroben...	9.034	216	51260	5.841	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	30173	5.239	ng		98
44) 2,4,5-Trichlorophenol	9.181	196	33434	5.310	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.328	154	134098	5.808	ng	98
47) 2-Chloronaphthalene	9.351	162	101447	5.768	ng	100
48) 2-Nitroaniline	9.451	65	29995	5.143	ng	100
49) Acenaphthylene	9.769	152	153886	5.783	ng	99
50) Dimethylphthalate	9.622	163	116132	5.614	ng	99
51) 2,6-Dinitrotoluene	9.687	165	25188	5.341	ng	98
52) Acenaphthene	9.939	154	99899	5.559	ng	98
53) 3-Nitroaniline	9.857	138	26407	5.332	ng	94
55) Dibenzofuran	10.116	168	151058	5.937	ng	97
56) 4-Nitrophenol	10.016	139	15801	4.374	ng	98
57) 2,4-Dinitrotoluene	10.092	165	32877	5.297	ng	98
58) Fluorene	10.457	166	121014	6.021	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	25576	5.149	ng	99
60) Diethylphthalate	10.322	149	120988	5.720	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	58593	5.905	ng	97
62) 4-Nitroaniline	10.463	138	26578	5.249	ng	96
63) Azobenzene	10.610	77	118816	5.685	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	12385	3.738	ng	96
66) n-Nitrosodiphenylamine	10.563	169	100287	5.636	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	34999	5.685	ng	96
68) Hexachlorobenzene	11.004	284	38627	5.576	ng	98
69) Atrazine	11.086	200	29460	5.472	ng	97
70) Pentachlorophenol	11.204	266	14987	4.016	ng	97
71) Phenanthrene	11.422	178	168742	5.832	ng	99
72) Anthracene	11.475	178	164923	5.816	ng	98
73) Carbazole	11.628	167	162080	5.789	ng	99
74) Di-n-butylphthalate	11.957	149	186931	5.563	ng	100
75) Fluoranthene	12.610	202	193346	5.956	ng	99
78) Pyrene	12.839	202	202260	5.109	ng	99
80) Butylbenzylphthalate	13.457	149	74075	4.870	ng	96
81) Benzo(a)anthracene	14.039	228	167855	5.518	ng	98
82) 3,3'-Dichlorobenzidine	14.004	252	50636	5.237	ng	98
83) Chrysene	14.074	228	161255	5.810	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	102534	5.051	ng	99
85) Di-n-octyl phthalate	14.663	149	142493	4.984	ng	100
87) Indeno(1,2,3-cd)pyrene	17.057	276	103830	4.517	ng	98
88) Benzo(b)fluoranthene	15.121	252	130731	5.371	ng	99
89) Benzo(k)fluoranthene	15.145	252	119602	6.014	ng	99
90) Benzo(a)pyrene	15.492	252	102364	5.415	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	87528	4.607	ng	99
92) Benzo(g,h,i)perylene	17.504	276	87547	4.507	ng	99

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

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