Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140918.D
Acq On : 19 Dec 2024 11:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 19 12:03:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	84249	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	305577	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	170469	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	341650	20.000	ng		0.00
76) Chrysene-d12	14.033	240	232895	20.000	ng		0.00
86) Perylene-d12	15.515	264	172998	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	411577	80.420	ng		0.00
7) Phenol-d6	6.504	99	501242	73.945	ng		0.00
23) Nitrobenzene-d5	7.416	82	471746	77.237	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	161668	80.186	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1003441	80.929	ng		0.00
79) Terphenyl-d14	12.963	244	1153538	78.103	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	75828	34.398	ng		99
3) Pyridine	3.375	79	190044	37.226	ng		98
4) n-Nitrosodimethylamine	3.328	42	89458	34.760	ng		95
6) Aniline	6.516	93	218818	37.754	ng		95
8) 2-Chlorophenol	6.645	128	213969	38.339	ng		99
9) Benzaldehyde	6.410	77	143406	38.181	ng		99
10) Phenol	6.516	94	264126	37.595	ng		95
11) bis(2-Chloroethyl)ether	6.586	93	200041	38.180	ng		99
12) 1,3-Dichlorobenzene	6.792	146	241546	37.982	ng		97
13) 1,4-Dichlorobenzene	6.869	146	248345	38.472	ng		100
14) 1,2-Dichlorobenzene	7.022	146	227698	37.385	ng		98
15) Benzyl Alcohol	6.998	79	184958	38.161	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	231101	37.443	ng		90
17) 2-Methylphenol	7.116	107	162635	36.500	ng		98
18) Hexachloroethane	7.357	117	89366	37.187	ng		99
19) n-Nitroso-di-n-propyla...	7.263	70	147876	36.368	ng		99
20) 3+4-Methylphenols	7.275	107	220217	37.271	ng	#	82
22) Acetophenone	7.263	105	294496	38.526	ng		97
24) Nitrobenzene	7.439	77	239875	38.336	ng		96
25) Isophorone	7.675	82	395780	38.674	ng		100
26) 2-Nitrophenol	7.751	139	114638	39.779	ng		97
27) 2,4-Dimethylphenol	7.792	122	132424	39.347	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	249138	38.978	ng		98
29) 2,4-Dichlorophenol	8.004	162	183519	39.496	ng		99
30) 1,2,4-Trichlorobenzene	8.075	180	204009	38.301	ng		99
31) Naphthalene	8.151	128	654138	38.970	ng		99
32) Benzoic acid	7.945	122	123570	38.714	ng		97
33) 4-Chloroaniline	8.210	127	224241	40.223	ng		98
34) Hexachlorobutadiene	8.263	225	136617	38.122	ng		100
35) Caprolactam	8.592	113	60832	43.976	ng		96
36) 4-Chloro-3-methylphenol	8.704	107	202329	38.688	ng		99
37) 2-Methylnaphthalene	8.845	142	434855	39.163	ng		99
38) 1-Methylnaphthalene	8.939	142	415212	37.810	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	215076	41.048	ng		100
41) Hexachlorocyclopentadiene	8.992	237	37591	33.321	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	131103	40.863	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	140360	39.803	ng	99
46) 1,1'-Biphenyl	9.304	154	561991	41.459	ng	98
47) 2-Chloronaphthalene	9.333	162	431564	41.616	ng	99
48) 2-Nitroaniline	9.439	65	133473	42.617	ng	96
49) Acenaphthylene	9.751	152	652886	42.842	ng	99
50) Dimethylphthalate	9.604	163	499397	41.552	ng	100
51) 2,6-Dinitrotoluene	9.680	165	112231	40.848	ng	96
52) Acenaphthene	9.922	154	377262	38.754	ng	100
53) 3-Nitroaniline	9.857	138	111648	40.947	ng	97
54) 2,4-Dinitrophenol	9.980	184	42021	35.324	ng	91
55) Dibenzofuran	10.092	168	586539	38.883	ng	99
56) 4-Nitrophenol	10.045	139	61754	44.209	ng	99
57) 2,4-Dinitrotoluene	10.092	165	142779	39.496	ng	100
58) Fluorene	10.439	166	494118	39.705	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	119606	41.624	ng	93
60) Diethylphthalate	10.304	149	489083	39.244	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	254131	40.653	ng	97
62) 4-Nitroaniline	10.474	138	119268	41.859	ng	95
63) Azobenzene	10.586	77	474575	40.505	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	79849	41.245	ng	96
66) n-Nitrosodiphenylamine	10.545	169	433206	41.241	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	143364	37.509	ng	98
68) Hexachlorobenzene	10.986	284	165408	38.170	ng	98
69) Atrazine	11.074	200	98779	33.670	ng	97
70) Pentachlorophenol	11.198	266	52928	33.407	ng	99
71) Phenanthrene	11.404	178	676035	38.479	ng	100
72) Anthracene	11.457	178	659532	38.119	ng	100
73) Carbazole	11.616	167	671330	39.613	ng	100
74) Di-n-butylphthalate	11.927	149	798949	40.170	ng	100
75) Fluoranthene	12.598	202	772766	38.192	ng	100
77) Benzidine	12.721	184	225655	47.473	ng	100
78) Pyrene	12.827	202	814346	39.321	ng	100
80) Butylbenzylphthalate	13.433	149	325092	42.661	ng	99
81) Benzo(a)anthracene	14.021	228	645218	39.090	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	194188	38.994	ng	98
83) Chrysene	14.057	228	585267	38.993	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	410498	41.777	ng	99
85) Di-n-octyl phthalate	14.604	149	581635	39.126	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	481528	44.604	ng	100
88) Benzo(b)fluoranthene	15.086	252	472804	39.372	ng	99
89) Benzo(k)fluoranthene	15.109	252	402948	39.117	ng	99
90) Benzo(a)pyrene	15.456	252	372061	39.568	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	399099	44.623	ng	98
92) Benzo(g,h,i)perylene	17.492	276	400706	44.021	ng	100

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

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