Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120522\
Data File : BF131511.D
Acq On : 05 Dec 2022 20:19
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF120522

Quant Time: Dec 06 01:36:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 01:30:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	108701	20.000	ng		0.00
21) Naphthalene-d8	8.216	136	374871	20.000	ng		0.00
39) Acenaphthene-d10	9.980	164	214969	20.000	ng		0.00
64) Phenanthrene-d10	11.474	188	411344	20.000	ng		0.00
76) Chrysene-d12	14.127	240	282439	20.000	ng		0.00
86) Perylene-d12	15.651	264	219412	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	482739	75.838	ng		0.00
7) Phenol-d6	6.545	99	590108	74.238	ng		0.00
23) Nitrobenzene-d5	7.492	82	599325	73.377	ng		0.00
42) 2,4,6-Tribromophenol	10.775	330	202613	82.777	ng		0.00
45) 2-Fluorobiphenyl	9.298	172	1234458	75.333	ng		0.00
79) Terphenyl-d14	13.069	244	1478484	79.053	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	99342	36.457	ng		97
3) Pyridine	3.475	79	275927	36.276	ng		98
4) n-Nitrosodimethylamine	3.451	42	132165	33.906	ng		97
6) Aniline	6.587	93	357448	36.427	ng		98
8) 2-Chlorophenol	6.710	128	262889	38.674	ng		89
9) Benzaldehyde	6.475	77	169575	33.424	ng		96
10) Phenol	6.563	94	337892	37.577	ng		92
11) bis(2-Chloroethyl)ether	6.657	93	240615	36.230	ng		99
12) 1,3-Dichlorobenzene	6.863	146	300961	37.932	ng		96
13) 1,4-Dichlorobenzene	6.939	146	306943	37.853	ng		98
14) 1,2-Dichlorobenzene	7.098	146	289152	38.272	ng		99
15) Benzyl Alcohol	7.069	79	244115	36.717	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.198	45	228970	35.172	ng		98
17) 2-Methylphenol	7.175	107	213793	37.654	ng		94
18) Hexachloroethane	7.439	117	113673	37.733	ng		100
19) n-Nitroso-di-n-propyla...	7.339	70	186136	34.600	ng		98
20) 3+4-Methylphenols	7.328	107	288346	37.553	ng		94
22) Acetophenone	7.339	105	383378	37.688	ng	#	97
24) Nitrobenzene	7.516	77	296811	36.016	ng	#	90
25) Isophorone	7.751	82	467150	36.768	ng		96
26) 2-Nitrophenol	7.828	139	130215	43.155	ng		96
27) 2,4-Dimethylphenol	7.863	122	201349	40.643	ng		93
28) bis(2-Chloroethoxy)met...	7.963	93	264264	37.519	ng		99
29) 2,4-Dichlorophenol	8.069	162	230468	40.164	ng		98
30) 1,2,4-Trichlorobenzene	8.151	180	279081	38.923	ng		99
31) Naphthalene	8.239	128	783552	37.808	ng		100
32) Benzoic acid	7.981	122	138354	46.309	ng		97
33) 4-Chloroaniline	8.286	127	297337	38.305	ng		97
34) Hexachlorobutadiene	8.351	225	195840	38.241	ng		98
35) Caprolactam	8.669	113	62721	38.938	ng		87
36) 4-Chloro-3-methylphenol	8.763	107	233894	38.130	ng		99
37) 2-Methylnaphthalene	8.928	142	532193	38.375	ng		100
38) 1-Methylnaphthalene	9.033	142	511858	38.410	ng		99
40) 1,2,4,5-Tetrachloroben...	9.092	216	301011	37.905	ng		99
41) Hexachlorocyclopentadiene	9.081	237	144367	40.358	ng		98
43) 2,4,6-Trichlorophenol	9.204	196	190332	39.642	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	203813	39.804	ng		98
46) 1,1'-Biphenyl	9.398	154	637683	37.619	ng		99
47) 2-Chloronaphthalene	9.422	162	521654	37.674	ng		99
48) 2-Nitroaniline	9.522	65	146571	36.635	ng		96
49) Acenaphthylene	9.839	152	775156	37.477	ng		99
50) Dimethylphthalate	9.698	163	591086	38.043	ng		99
51) 2,6-Dinitrotoluene	9.763	165	130161	39.206	ng		95
52) Acenaphthene	10.016	154	511991	38.154	ng		99
53) 3-Nitroaniline	9.933	138	133334	38.369	ng		94
54) 2,4-Dinitrophenol	10.033	184	70154	42.115	ng		98
55) Dibenzofuran	10.186	168	729971	37.262	ng		99
56) 4-Nitrophenol	10.086	139	99874	41.186	ng		95
57) 2,4-Dinitrotoluene	10.169	165	175818	40.362	ng	#	80
58) Fluorene	10.533	166	611405	37.821	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.298	232	173858	40.028	ng		99
60) Diethylphthalate	10.398	149	585920	38.247	ng		99
61) 4-Chlorophenyl-phenyle...	10.522	204	311106	37.203	ng		99
62) 4-Nitroaniline	10.557	138	134886	38.931	ng		89
63) Azobenzene	10.680	77	528958	35.016	ng		97
65) 4,6-Dinitro-2-methylph...	10.575	198	99227	43.963	ng		98
66) n-Nitrosodiphenylamine	10.639	169	499167	38.666	ng		99
67) 4-Bromophenyl-phenylether	11.016	248	200927	39.041	ng		100
68) Hexachlorobenzene	11.075	284	227753	39.932	ng		97
69) Atrazine	11.169	200	156178	40.912	ng		98
70) Pentachlorophenol	11.269	266	126152	41.308	ng		96
71) Phenanthrene	11.498	178	887712	38.838	ng		100
72) Anthracene	11.551	178	857374	38.153	ng		100
73) Carbazole	11.710	167	741540	39.198	ng		99
74) Di-n-butylphthalate	12.033	149	840258	39.783	ng		99
75) Fluoranthene	12.692	202	956037	38.005	ng		100
77) Benzidine	12.816	184	143397	35.732	ng		99
78) Pyrene	12.927	202	965664	38.173	ng		100
80) Butylbenzylphthalate	13.545	149	302914	44.392	ng		85
81) Benzo(a)anthracene	14.121	228	731424	37.921	ng		100
82) 3,3'-Dichlorobenzidine	14.080	252	200007	38.291	ng		96
83) Chrysene	14.157	228	700175	37.760	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	326964	42.877	ng		99
85) Di-n-octyl phthalate	14.721	149	394486	41.397	ng		97
87) Indeno(1,2,3-cd)pyrene	17.204	276	619156	36.979	ng		100
88) Benzo(b)fluoranthene	15.198	252	528556	37.085	ng		98
89) Benzo(k)fluoranthene	15.227	252	578425	37.387	ng		100
90) Benzo(a)pyrene	15.586	252	461802	39.044	ng	#	98
91) Dibenzo(a,h)anthracene	17.227	278	506962	37.264	ng		99
92) Benzo(g,h,i)perylene	17.674	276	512866	40.027	ng		98

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

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