Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011924\
Data File : BF137109.D
Acq On : 19 Jan 2024 13:55
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Jan 20 00:47:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 20 00:41:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	159699	20.000	ng		0.00
21) Naphthalene-d8	8.092	136	660109	20.000	ng		0.00
39) Acenaphthene-d10	9.851	164	346168	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	643688	20.000	ng		0.00
76) Chrysene-d12	13.998	240	416660	20.000	ng		0.00
86) Perylene-d12	15.486	264	347236	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	234043	21.478	ng		-0.01
7) Phenol-d6	6.434	99	289812	21.185	ng		-0.01
23) Nitrobenzene-d5	7.369	82	215928	18.719	ng		-0.01
42) 2,4,6-Tribromophenol	10.639	330	70597	21.063	ng		0.00
45) 2-Fluorobiphenyl	9.169	172	524609	22.746	ng		0.00
79) Terphenyl-d14	12.939	244	583344	20.012	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	49968	10.159	ng		99
3) Pyridine	3.352	79	121301	10.159	ng		100
4) n-Nitrosodimethylamine	3.299	42	64838	9.755	ng		98
6) Aniline	6.475	93	142065	10.670	ng		99
8) 2-Chlorophenol	6.598	128	122899	10.663	ng		100
9) Benzaldehyde	6.369	77	92887	12.149	ng		93
10) Phenol	6.446	94	158621m	10.718	ng		
11) bis(2-Chloroethyl)ether	6.551	93	118209	10.078	ng		97
12) 1,3-Dichlorobenzene	6.757	146	135708	10.718	ng		97
13) 1,4-Dichlorobenzene	6.834	146	136092	10.673	ng		96
14) 1,2-Dichlorobenzene	6.981	146	128601	10.884	ng		100
15) Benzyl Alcohol	6.951	79	104434	10.582	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.093	45	207236	10.610	ng		100
17) 2-Methylphenol	7.057	107	98854	10.459	ng		98
18) Hexachloroethane	7.328	117	47861	10.250	ng		97
19) n-Nitroso-di-n-propyla...	7.222	70	90335	10.723	ng		97
20) 3+4-Methylphenols	7.210	107	128092	11.045	ng	#	85
22) Acetophenone	7.216	105	176594	10.815	ng	#	96
24) Nitrobenzene	7.387	77	122218	9.705	ng		97
25) Isophorone	7.628	82	243633	10.260	ng		98
26) 2-Nitrophenol	7.710	139	35613	9.564	ng		90
27) 2,4-Dimethylphenol	7.745	122	78157	10.209	ng		98
28) bis(2-Chloroethoxy)met...	7.845	93	149137	10.360	ng		100
29) 2,4-Dichlorophenol	7.945	162	95354	10.072	ng		99
30) 1,2,4-Trichlorobenzene	8.034	180	111919	10.234	ng		98
31) Naphthalene	8.116	128	372936	10.651	ng		99
32) Benzoic acid	7.810	122	46530	6.871	ng		100
33) 4-Chloroaniline	8.163	127	130855	10.157	ng		98
34) Hexachlorobutadiene	8.234	225	66992	10.529	ng		100
35) Caprolactam	8.498	113	30002	9.984	ng		94
36) 4-Chloro-3-methylphenol	8.634	107	105616	10.213	ng		98
37) 2-Methylnaphthalene	8.804	142	240524	10.793	ng		99
38) 1-Methylnaphthalene	8.904	142	233180	10.727	ng		98
40) 1,2,4,5-Tetrachloroben...	8.969	216	107995	10.659	ng		98
41) Hexachlorocyclopentadiene	8.963	237	36633	9.411	ng		99
43) 2,4,6-Trichlorophenol	9.081	196	67907	10.297	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	74060	10.302	ng		95
46) 1,1'-Biphenyl	9.269	154	298491	10.592	ng		99
47) 2-Chloronaphthalene	9.292	162	229894	10.534	ng		99
48) 2-Nitroaniline	9.386	65	48092	8.389	ng		98
49) Acenaphthylene	9.710	152	330594	10.637	ng		100
50) Dimethylphthalate	9.575	163	256398	10.586	ng		99
51) 2,6-Dinitrotoluene	9.634	165	44443	9.205	ng		92
52) Acenaphthene	9.881	154	223111	10.574	ng		99
53) 3-Nitroaniline	9.798	138	47319	9.194	ng	#	98
54) 2,4-Dinitrophenol	9.898	184	8591	12.089	ng	#	77
55) Dibenzofuran	10.057	168	315847	10.815	ng		98
56) 4-Nitrophenol	9.945	139	38548	9.230	ng		96
57) 2,4-Dinitrotoluene	10.034	165	48968	8.481	ng		87
58) Fluorene	10.398	166	247434	11.256	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	59536	10.677	ng		98
60) Diethylphthalate	10.275	149	250938	10.527	ng		98
61) 4-Chlorophenyl-phenyle...	10.398	204	122565	11.489	ng		92
62) 4-Nitroaniline	10.404	138	46256	9.427	ng		97
63) Azobenzene	10.557	77	263773	10.572	ng		99
65) 4,6-Dinitro-2-methylph...	10.434	198	14021	11.640	ng		91
66) n-Nitrosodiphenylamine	10.510	169	215387	10.481	ng		98
67) 4-Bromophenyl-phenylether	10.886	248	72667	10.446	ng		99
68) Hexachlorobenzene	10.945	284	82220	10.477	ng		99
69) Atrazine	11.039	200	59004	14.294	ng		97
70) Pentachlorophenol	11.139	266	48044	10.355	ng		99
71) Phenanthrene	11.363	178	366427	10.683	ng		99
72) Anthracene	11.416	178	364592	10.671	ng		99
73) Carbazole	11.569	167	333652	10.767	ng		99
74) Di-n-butylphthalate	11.916	149	373652	10.517	ng		100
75) Fluoranthene	12.557	202	383012	10.963	ng		98
77) Benzidine	12.686	184	26326	6.259	ng	#	95
78) Pyrene	12.786	202	391036	9.400	ng		99
80) Butylbenzylphthalate	13.427	149	114576	8.509	ng		95
81) Benzo(a)anthracene	13.986	228	301528	9.745	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	76543	10.089	ng		97
83) Chrysene	14.022	228	291726	9.754	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	140440	8.578	ng		100
85) Di-n-octyl phthalate	14.616	149	186032	7.041	ng		98
87) Indeno(1,2,3-cd)pyrene	16.992	276	197160	8.403	ng		100
88) Benzo(b)fluoranthene	15.045	252	238448	10.793	ng		98
89) Benzo(k)fluoranthene	15.074	252	216418	10.714	ng		97
90) Benzo(a)pyrene	15.421	252	181023	9.931	ng		100
91) Dibenzo(a,h)anthracene	17.021	278	163804	8.503	ng		97
92) Benzo(g,h,i)perylene	17.451	276	165162	8.239	ng		96

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

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