Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111422\
Data File : BF131223.D
Acq On : 14 Nov 2022 13:34
Operator : CG\JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Nov 15 03:27:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 15 03:24:29 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	64065	20.000	ng		0.00
21) Naphthalene-d8	8.092	136	308554	20.000	ng		0.00
39) Acenaphthene-d10	9.851	164	131124	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	241085	20.000	ng		0.00
76) Chrysene-d12	13.986	240	180720	20.000	ng		0.00
86) Perylene-d12	15.445	264	123477	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	201305	48.072	ng		0.00
7) Phenol-d6	6.440	99	185496	35.587	ng		0.00
23) Nitrobenzene-d5	7.375	82	269490	37.473	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	53755	41.391	ng		0.00
45) 2-Fluorobiphenyl	9.169	172	493828	52.302	ng		0.00
79) Terphenyl-d14	12.927	244	425318	40.378	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.522	88	39791	22.009	ng		98
3) Pyridine	3.257	79	127758	25.272	ng		94
4) n-Nitrosodimethylamine	3.216	42	81429	23.718	ng		92
6) Aniline	6.469	93	120941	18.592	ng		97
8) 2-Chlorophenol	6.592	128	79927	18.450	ng		97
9) Benzaldehyde	6.357	77	71070	23.657	ng		99
10) Phenol	6.451	94	113586	18.458	ng		95
11) bis(2-Chloroethyl)ether	6.545	93	78736	17.794	ng		97
12) 1,3-Dichlorobenzene	6.745	146	99711	20.507	ng		97
13) 1,4-Dichlorobenzene	6.822	146	124260	24.141	ng		99
14) 1,2-Dichlorobenzene	6.975	146	85889	19.039	ng		98
15) Benzyl Alcohol	6.951	79	71191	20.097	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	151890	18.977	ng		99
17) 2-Methylphenol	7.063	107	85035	21.917	ng		97
18) Hexachloroethane	7.316	117	49497	23.840	ng		97
19) n-Nitroso-di-n-propyla...	7.222	70	66649	18.582	ng		95
20) 3+4-Methylphenols	7.216	107	89545	18.860	ng	#	84
22) Acetophenone	7.222	105	120758	14.572	ng		98
24) Nitrobenzene	7.392	77	125969	17.597	ng		99
25) Isophorone	7.634	82	177103	15.184	ng		100
26) 2-Nitrophenol	7.710	139	57637	18.785	ng		92
27) 2,4-Dimethylphenol	7.745	122	76676	16.636	ng		98
28) bis(2-Chloroethoxy)met...	7.845	93	99597	16.117	ng		98
29) 2,4-Dichlorophenol	7.951	162	73916	15.429	ng		98
30) 1,2,4-Trichlorobenzene	8.034	180	106303	19.591	ng		99
31) Naphthalene	8.116	128	357167	21.193	ng		99
32) Benzoic acid	7.863	122	34251m	15.306	ng		
33) 4-Chloroaniline	8.169	127	141203	21.559	ng		95
34) Hexachlorobutadiene	8.228	225	73922	19.678	ng		99
35) Caprolactam	8.534	113	24421m	17.156	ng		
36) 4-Chloro-3-methylphenol	8.651	107	94985	16.982	ng		99
37) 2-Methylnaphthalene	8.804	142	210849	19.893	ng		99
38) 1-Methylnaphthalene	8.904	142	158814	15.718	ng		100
40) 1,2,4,5-Tetrachloroben...	8.969	216	87213	21.019	ng		99
41) Hexachlorocyclopentadiene	8.951	237	16190	15.804	ng		95
43) 2,4,6-Trichlorophenol	9.086	196	52368	20.679	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	58712	21.616	ng		92
46) 1,1'-Biphenyl	9.269	154	196839	19.976	ng		99
47) 2-Chloronaphthalene	9.298	162	189535	23.442	ng		97
48) 2-Nitroaniline	9.398	65	69037	22.260	ng		97
49) Acenaphthylene	9.710	152	257983	20.997	ng		99
50) Dimethylphthalate	9.575	163	191165	19.383	ng		99
51) 2,6-Dinitrotoluene	9.639	165	42246	19.420	ng		99
52) Acenaphthene	9.886	154	158115	20.257	ng		98
53) 3-Nitroaniline	9.810	138	47832	20.755	ng		98
54) 2,4-Dinitrophenol	9.922	184	15557	17.079	ng		85
55) Dibenzofuran	10.057	168	235524	19.902	ng		99
56) 4-Nitrophenol	9.980	139	24372	19.863	ng	#	90
57) 2,4-Dinitrotoluene	10.045	165	57630	20.645	ng		95
58) Fluorene	10.398	166	194492	19.397	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.175	232	47057	19.186	ng		98
60) Diethylphthalate	10.275	149	208348	19.783	ng		100
61) 4-Chlorophenyl-phenyle...	10.392	204	93173	19.886	ng		96
62) 4-Nitroaniline	10.427	138	48933	19.359	ng		95
63) Azobenzene	10.551	77	215541	19.880	ng		98
65) 4,6-Dinitro-2-methylph...	10.457	198	30244	16.564	ng		93
66) n-Nitrosodiphenylamine	10.510	169	171573	18.400	ng		99
67) 4-Bromophenyl-phenylether	10.880	248	56492	19.819	ng	#	90
68) Hexachlorobenzene	10.945	284	61932	19.827	ng	#	91
69) Atrazine	11.039	200	54222	20.340	ng		95
70) Pentachlorophenol	11.151	266	16030m	17.386	ng		
71) Phenanthrene	11.363	178	280876	20.214	ng		99
72) Anthracene	11.416	178	274823	20.641	ng		100
73) Carbazole	11.574	167	243883	19.141	ng		99
74) Di-n-butylphthalate	11.898	149	311446	19.837	ng		99
75) Fluoranthene	12.557	202	300137	20.468	ng		98
77) Benzidine	12.680	184	82590	18.210	ng		99
78) Pyrene	12.786	202	304364	19.812	ng		99
80) Butylbenzylphthalate	13.404	149	128816	20.916	ng	#	89
81) Benzo(a)anthracene	13.974	228	265612	20.684	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	81864	21.899	ng		99
83) Chrysene	14.010	228	255444	20.870	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	160340	20.477	ng		100
85) Di-n-octyl phthalate	14.568	149	224850	19.732	ng		99
87) Indeno(1,2,3-cd)pyrene	16.909	276	162153	19.128	ng		98
88) Benzo(b)fluoranthene	15.021	252	183373	20.268	ng		100
89) Benzo(k)fluoranthene	15.051	252	184648	21.705	ng		97
90) Benzo(a)pyrene	15.386	252	141940	20.046	ng		99
91) Dibenzo(a,h)anthracene	16.921	278	133666	19.268	ng		99
92) Benzo(g,h,i)perylene	17.351	276	132144	18.394	ng		98

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

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