Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052224\
Data File : BP020439.D
Acq On : 22 May 2024 17:04
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: May 23 02:03:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 01:51:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.552	152	115403	20.000	ng		0.00
21) Naphthalene-d8	10.322	136	425923	20.000	ng		0.00
39) Acenaphthene-d10	14.228	164	271744	20.000	ng		0.00
64) Phenanthrene-d10	17.069	188	576353	20.000	ng		0.00
76) Chrysene-d12	21.551	240	625081	20.000	ng		0.00
86) Perylene-d12	24.857	264	711191	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.187	112	258869	41.409	ng		0.00
7) Phenol-d6	6.746	99	346464	39.585	ng		0.00
23) Nitrobenzene-d5	8.716	82	370475	41.617	ng		0.00
42) 2,4,6-Tribromophenol	15.769	330	147603	41.805	ng		-0.01
45) 2-Fluorobiphenyl	12.822	172	777245	39.527	ng		0.00
79) Terphenyl-d14	19.839	244	1374535	37.622	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	57228	20.929	ng		98
3) Pyridine	3.575	79	137488	20.390	ng		99
4) n-Nitrosodimethylamine	3.499	42	65426	19.987	ng		98
6) Aniline	6.905	93	165420	19.896	ng		99
8) 2-Chlorophenol	7.122	128	138942	19.810	ng		99
9) Benzaldehyde	6.734	77	112068	22.671	ng		97
10) Phenol	6.769	94	174889	19.826	ng		96
11) bis(2-Chloroethyl)ether	7.005	93	138276	19.684	ng		98
12) 1,3-Dichlorobenzene	7.446	146	171861	20.386	ng		99
13) 1,4-Dichlorobenzene	7.593	146	175177	20.270	ng		99
14) 1,2-Dichlorobenzene	7.899	146	164730	19.913	ng		98
15) Benzyl Alcohol	7.816	79	138896	19.204	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.087	45	158589	19.717	ng		99
17) 2-Methylphenol	8.005	107	113216	19.286	ng		97
18) Hexachloroethane	8.599	117	66544	20.267	ng		97
19) n-Nitroso-di-n-propyla...	8.363	70	112519	18.796	ng		98
20) 3+4-Methylphenols	8.340	107	157347	19.462	ng		95
22) Acetophenone	8.387	105	224863	20.690	ng	#	99
24) Nitrobenzene	8.758	77	183948	20.978	ng		98
25) Isophorone	9.275	82	299197	20.257	ng		99
26) 2-Nitrophenol	9.463	139	72186	19.992	ng		96
27) 2,4-Dimethylphenol	9.522	122	85005	20.252	ng		97
28) bis(2-Chloroethoxy)met...	9.763	93	176850	20.715	ng		99
29) 2,4-Dichlorophenol	10.010	162	129453	20.564	ng		96
30) 1,2,4-Trichlorobenzene	10.187	180	163151	20.770	ng		98
31) Naphthalene	10.375	128	437826	20.363	ng		99
32) Benzoic acid	9.669	122	76154	19.397	ng		98
33) 4-Chloroaniline	10.522	127	141876	19.488	ng		98
34) Hexachlorobutadiene	10.634	225	115881	20.952	ng		98
35) Caprolactam	11.328	113	36209	20.304	ng		94
36) 4-Chloro-3-methylphenol	11.652	107	145444	19.985	ng		94
37) 2-Methylnaphthalene	12.004	142	298934	20.283	ng		99
38) 1-Methylnaphthalene	12.222	142	292482	20.011	ng		100
40) 1,2,4,5-Tetrachloroben...	12.381	216	180166	20.403	ng		99
41) Hexachlorocyclopentadiene	12.334	237	47173	19.478	ng		96
43) 2,4,6-Trichlorophenol	12.646	196	108261	20.150	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.728	196	117490	19.908	ng		94
46) 1,1'-Biphenyl	13.046	154	384921	20.104	ng		98
47) 2-Chloronaphthalene	13.087	162	316517	20.573	ng		97
48) 2-Nitroaniline	13.334	65	95713	21.044	ng		99
49) Acenaphthylene	13.946	152	447708	20.579	ng		99
50) Dimethylphthalate	13.698	163	380769	20.446	ng		97
51) 2,6-Dinitrotoluene	13.834	165	86393	20.681	ng		96
52) Acenaphthene	14.298	154	285308	20.605	ng		99
53) 3-Nitroaniline	14.181	138	75851	21.118	ng		93
54) 2,4-Dinitrophenol	14.416	184	42512	19.964	ng		99
55) Dibenzofuran	14.645	168	460558	20.614	ng		97
56) 4-Nitrophenol	14.534	139	48403	19.884	ng		99
57) 2,4-Dinitrotoluene	14.657	165	120561	21.659	ng		99
58) Fluorene	15.316	166	364992	20.121	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.887	232	107595	20.916	ng		100
60) Diethylphthalate	15.098	149	383759	20.971	ng		99
61) 4-Chlorophenyl-phenyle...	15.310	204	200328	20.112	ng		100
62) 4-Nitroaniline	15.387	138	71330	21.854	ng		98
63) Azobenzene	15.616	77	383962	21.678	ng		98
65) 4,6-Dinitro-2-methylph...	15.440	198	65855	20.150	ng		95
66) n-Nitrosodiphenylamine	15.540	169	315953	19.843	ng		98
67) 4-Bromophenyl-phenylether	16.240	248	128108	19.698	ng		97
68) Hexachlorobenzene	16.340	284	151498	19.712	ng		98
69) Atrazine	16.545	200	108116	23.287	ng		99
70) Pentachlorophenol	16.716	266	92096	21.142	ng		99
71) Phenanthrene	17.116	178	561840	20.223	ng		99
72) Anthracene	17.216	178	565144	20.729	ng		99
73) Carbazole	17.516	167	535243	21.943	ng		99
74) Di-n-butylphthalate	18.104	149	633656	21.643	ng		99
75) Fluoranthene	19.228	202	738344	22.814	ng		99
77) Benzidine	19.463	184	172138	19.627	ng		99
78) Pyrene	19.610	202	768603	18.172	ng		99
80) Butylbenzylphthalate	20.586	149	302873	20.071	ng		96
81) Benzo(a)anthracene	21.533	228	781504	20.020	ng		99
82) 3,3'-Dichlorobenzidine	21.469	252	285848	21.481	ng		98
83) Chrysene	21.598	228	768742	20.014	ng		99
84) Bis(2-ethylhexyl)phtha...	21.475	149	444626	20.339	ng		100
85) Di-n-octyl phthalate	22.745	149	739289	20.322	ng		99
87) Indeno(1,2,3-cd)pyrene	28.592	276	968839	19.994	ng	#	92
88) Benzo(b)fluoranthene	23.810	252	831289	20.458	ng		99
89) Benzo(k)fluoranthene	23.880	252	829795	20.652	ng		99
90) Benzo(a)pyrene	24.704	252	734393	20.413	ng		98
91) Dibenzo(a,h)anthracene	28.674	278	798572	19.978	ng		100
92) Benzo(g,h,i)perylene	29.745	276	803720	19.604	ng	#	97

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

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