Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031722\
Data File : BP009440.D
Acq On : 17 Mar 2022 13:10
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Mar 17 17:44:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 17:43:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.799	152	208305	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	850193	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	581692	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1302711	20.000	ng		0.00
76) Chrysene-d12	21.322	240	1385898	20.000	ng		0.00
86) Perylene-d12	23.727	264	1463621	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.411	112	130448	9.141	ng		0.00
7) Phenol-d6	6.993	99	172932	9.536	ng		0.00
23) Nitrobenzene-d5	8.958	82	164292	10.643	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	101298	14.422	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	453085	10.712	ng		0.00
79) Terphenyl-d14	19.781	244	846334	11.524	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	27486	4.525	ng		92
3) Pyridine	3.734	79	67220	5.192	ng		96
4) n-Nitrosodimethylamine	3.640	42	24863	4.605	ng	#	80
6) Aniline	7.134	93	95756	4.169	ng		99
8) 2-Chlorophenol	7.375	128	73632	5.037	ng		94
9) Benzaldehyde	6.946	77	49902m	4.319	ng		
10) Phenol	7.022	94	87588	4.664	ng		99
11) bis(2-Chloroethyl)ether	7.228	93	70324	4.839	ng		95
12) 1,3-Dichlorobenzene	7.693	146	85912	4.988	ng		98
13) 1,4-Dichlorobenzene	7.834	146	88104	5.042	ng		98
14) 1,2-Dichlorobenzene	8.152	146	86015	5.150	ng		100
15) Benzyl Alcohol	8.063	79	66731	5.218	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.328	45	74845	3.968	ng		88
17) 2-Methylphenol	8.263	107	58243	4.791	ng		92
18) Hexachloroethane	8.875	117	31133	5.119	ng		93
19) n-Nitroso-di-n-propyla...	8.611	70	54159	4.952	ng		97
20) 3+4-Methylphenols	8.605	107	78936	4.845	ng	#	85
22) Acetophenone	8.628	105	110904	4.880	ng	#	97
24) Nitrobenzene	8.999	77	76985	4.706	ng		98
25) Isophorone	9.528	82	142760	4.944	ng		98
26) 2-Nitrophenol	9.710	139	38188	6.026	ng		94
27) 2,4-Dimethylphenol	9.799	122	55330	3.970	ng		96
28) bis(2-Chloroethoxy)met...	10.016	93	93305	4.938	ng		98
29) 2,4-Dichlorophenol	10.287	162	68570	5.101	ng		95
30) 1,2,4-Trichlorobenzene	10.463	180	83724	5.321	ng		95
31) Naphthalene	10.646	128	237485	5.044	ng		98
33) 4-Chloroaniline	10.769	127	90853	4.719	ng		98
34) Hexachlorobutadiene	10.940	225	57356	5.986	ng		99
35) Caprolactam	11.546	113	23850	6.027	ng	#	71
36) 4-Chloro-3-methylphenol	11.916	107	75458	5.377	ng		98
37) 2-Methylnaphthalene	12.263	142	168436	5.035	ng		99
38) 1-Methylnaphthalene	12.481	142	164389	5.336	ng		95
40) 1,2,4,5-Tetrachloroben...	12.640	216	98859	5.043	ng		98
43) 2,4,6-Trichlorophenol	12.887	196	61703	5.242	ng		98
44) 2,4,5-Trichlorophenol	12.975	196	70902	5.492	ng		94
46) 1,1'-Biphenyl	13.275	154	232388	4.893	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.316	162	179687	4.995	ng		98
48) 2-Nitroaniline	13.528	65	44179	5.341	ng		95
49) Acenaphthylene	14.163	152	280010	5.038	ng		99
50) Dimethylphthalate	13.904	163	241737	5.634	ng		99
51) 2,6-Dinitrotoluene	14.022	165	46085	5.439	ng		93
52) Acenaphthene	14.504	154	168393	4.727	ng		98
53) 3-Nitroaniline	14.363	138	47517	5.280	ng		97
55) Dibenzofuran	14.845	168	287102	5.321	ng		98
57) 2,4-Dinitrotoluene	14.822	165	61766	5.694	ng		93
58) Fluorene	15.498	166	227629	5.387	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.087	232	65549	6.030	ng		90
60) Diethylphthalate	15.275	149	246843	5.909	ng		99
61) 4-Chlorophenyl-phenyle...	15.493	204	125998	5.854	ng		100
62) 4-Nitroaniline	15.534	138	49352	5.655	ng		91
63) Azobenzene	15.787	77	204747	4.989	ng		97
65) 4,6-Dinitro-2-methylph...	15.592	198	32956	5.751	ng		99
66) n-Nitrosodiphenylamine	15.710	169	201383	4.925	ng		97
67) 4-Bromophenyl-phenylether	16.392	248	83887	5.969	ng		95
68) Hexachlorobenzene	16.516	284	96615	5.861	ng	#	93
69) Atrazine	16.675	200	75119	5.218	ng		94
70) Pentachlorophenol	16.881	266	42285	4.262	ng		97
71) Phenanthrene	17.251	178	375346	5.013	ng		99
72) Anthracene	17.345	178	369632	4.960	ng		98
73) Carbazole	17.622	167	361181	5.319	ng		100
74) Di-n-butylphthalate	18.181	149	429898	5.720	ng		99
75) Fluoranthene	19.228	202	463703	5.366	ng		97
77) Benzidine	19.422	184	168650	3.486	ng		99
78) Pyrene	19.586	202	482871	5.160	ng		99
80) Butylbenzylphthalate	20.469	149	208107	6.162	ng		91
81) Benzo(a)anthracene	21.304	228	483876	5.151	ng		97
82) 3,3'-Dichlorobenzidine	21.245	252	188494	5.466	ng		98
83) Chrysene	21.357	228	465573	5.105	ng		99
84) Bis(2-ethylhexyl)phtha...	21.239	149	296198	5.483	ng		99
85) Di-n-octyl phthalate	22.163	149	502487	5.682	ng		97
87) Indeno(1,2,3-cd)pyrene	26.233	276	588643	5.176	ng	#	94
88) Benzo(b)fluoranthene	22.992	252	455146	4.606	ng		99
89) Benzo(k)fluoranthene	23.039	252	460249	4.875	ng		98
90) Benzo(a)pyrene	23.616	252	395241	4.217	ng		98
91) Dibenzo(a,h)anthracene	26.257	278	494083	5.124	ng		97
92) Benzo(g,h,i)perylene	27.004	276	472285	4.958	ng	#	93

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

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