Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032321\
Data File : BP005022.D
Acq On : 23 Mar 2021 13:33
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
3/24/2021 1:56:10 PM

Quant Time: Mar 23 15:19:07 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 23 15:16:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.722	152	27231	20.00	ng		0.00
21) Naphthalene-d8	10.510	136	111160	20.00	ng		# 0.00
39) Acenaphthene-d10	14.375	164	73945	20.00	ng		0.00
64) Phenanthrene-d10	17.134	188	162377	20.00	ng		# 0.00
76) Chrysene-d12	21.227	240	168537	20.00	ng		0.00
86) Perylene-d12	23.510	264	165327	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.311	112	42586	24.70	ng		0.00
7) Phenol-d6	6.893	99	60246	25.73	ng		0.00
23) Nitrobenzene-d5	8.875	82	58745	28.13	ng		0.00
42) 2,4,6-Tribromophenol	15.869	330	22763	21.80	ng		0.00
45) 2-Fluorobiphenyl	12.993	172	127118	23.57	ng		0.00
79) Terphenyl-d14	19.704	244	213829	23.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	9619	14.19	ng		97
3) Pyridine	3.670	79	21533	13.04	ng		92
4) n-Nitrosodimethylamine	3.570	42	7758	12.48	ng	#	66
6) Aniline	7.052	93	34166	13.24	ng	#	87
8) 2-Chlorophenol	7.287	128	22668	11.70	ng		85
9) Benzaldehyde	6.869	77	17886m	16.78	ng		
10) Phenol	6.922	94	31121	13.37	ng		82
11) bis(2-Chloroethyl)ether	7.152	93	23697	14.06	ng		96
12) 1,3-Dichlorobenzene	7.611	146	25959	12.23	ng	#	84
13) 1,4-Dichlorobenzene	7.758	146	25860	11.96	ng	#	93
14) 1,2-Dichlorobenzene	8.069	146	24992	12.02	ng		94
15) Benzyl Alcohol	7.969	79	22872	14.29	ng	#	81
16) 2,2'-oxybis(1-Chloropr...	8.258	45	16792	12.38	ng		95
17) 2-Methylphenol	8.169	107	19646	12.31	ng	#	91
18) Hexachloroethane	8.793	117	9762	12.53	ng		94
19) n-Nitroso-di-n-propyla...	8.528	70	20482	15.86	ng	#	90
20) 3+4-Methylphenols	8.493	107	27606	12.72	ng		89
22) Acetophenone	8.546	105	38173	13.35	ng	#	95
24) Nitrobenzene	8.922	77	31512	14.60	ng	#	75
25) Isophorone	9.446	82	55298	14.32	ng	#	88
26) 2-Nitrophenol	9.628	139	11458	10.78	ng	#	63
27) 2,4-Dimethylphenol	9.693	122	19340	11.69	ng		89
28) bis(2-Chloroethoxy)met...	9.928	93	27719	13.19	ng		98
29) 2,4-Dichlorophenol	10.163	162	21985	12.02	ng		92
30) 1,2,4-Trichlorobenzene	10.375	180	24380	12.17	ng		98
31) Naphthalene	10.563	128	73971	11.69	ng		100
32) Benzoic acid	9.793	122	11790	9.54	ng	#	78
33) 4-Chloroaniline	10.681	127	29072	11.54	ng	#	83
34) Hexachlorobutadiene	10.846	225	15943	13.20	ng		97
35) Caprolactam	11.457	113	6752	11.68	ng		92
36) 4-Chloro-3-methylphenol	11.804	107	26145	12.46	ng	#	79
37) 2-Methylnaphthalene	12.181	142	53583	11.98	ng	#	92
38) 1-Methylnaphthalene	12.404	142	49160	11.76	ng		97
40) 1,2,4,5-Tetrachloroben...	12.551	216	28719	12.96	ng	#	97
41) Hexachlorocyclopentadiene	12.528	237	14426	11.72	ng		97
43) 2,4,6-Trichlorophenol	12.798	196	18972	11.97	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	20655	12.11	ng	#	92
46) 1,1'-Biphenyl	13.198	154	67481	11.73	ng		95
47) 2-Chloronaphthalene	13.240	162	53863	11.69	ng		99
48) 2-Nitroaniline	13.451	65	16943	13.89	ng	#	54
49) Acenaphthylene	14.093	152	82117	11.22	ng		98
50) Dimethylphthalate	13.834	163	67048	11.69	ng	#	98
51) 2,6-Dinitrotoluene	13.957	165	15399	11.72	ng	#	69
52) Acenaphthene	14.440	154	50886	11.32	ng		97
53) 3-Nitroaniline	14.287	138	13592	10.43	ng	#	70
54) 2,4-Dinitrophenol	14.493	184	7816	10.04	ng	#	76
55) Dibenzofuran	14.775	168	83847	11.65	ng		96
56) 4-Nitrophenol	14.598	139	10652	9.62	ng	#	36
57) 2,4-Dinitrotoluene	14.745	165	19484	10.94	ng	#	70
58) Fluorene	15.428	166	66890	11.41	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	19547	12.99	ng		98
60) Diethylphthalate	15.204	149	64650	11.23	ng		96
61) 4-Chlorophenyl-phenyle...	15.428	204	35564	12.43	ng		98
62) 4-Nitroaniline	15.457	138	13889	10.34	ng	#	71
63) Azobenzene	15.716	77	75202	14.29	ng		83
65) 4,6-Dinitro-2-methylph...	15.510	198	12751	11.12	ng		89
66) n-Nitrosodiphenylamine	15.640	169	59444	11.00	ng		99
67) 4-Bromophenyl-phenylether	16.322	248	21774	11.78	ng		96
68) Hexachlorobenzene	16.434	284	24811	11.43	ng		98
69) Atrazine	16.598	200	20256	11.97	ng		96
70) Pentachlorophenol	16.781	266	15504	11.11	ng		95
71) Phenanthrene	17.175	178	109252	11.43	ng		100
72) Anthracene	17.263	178	106546	11.41	ng		99
73) Carbazole	17.539	167	98821	11.01	ng		99
74) Di-n-butylphthalate	18.098	149	106792	10.60	ng	#	96
75) Fluoranthene	19.151	202	128365	11.85	ng		99
77) Benzidine	19.339	184	42068	12.03	ng		96
78) Pyrene	19.504	202	133894	11.46	ng		97
80) Butylbenzylphthalate	20.380	149	45891	9.66	ng	#	66
81) Benzo(a)anthracene	21.210	228	134732	11.91	ng		98
82) 3,3'-Dichlorobenzidine	21.145	252	43921	11.43	ng		96
83) Chrysene	21.263	228	130544	11.82	ng		98
84) Bis(2-ethylhexyl)phtha...	21.139	149	67003	9.66	ng		96
85) Di-n-octyl phthalate	22.027	149	116168	9.95	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.851	276	144323	11.41	ng		97
88) Benzo(b)fluoranthene	22.816	252	136302	11.79	ng		100
89) Benzo(k)fluoranthene	22.863	252	132574	12.04	ng		99
90) Benzo(a)pyrene	23.410	252	124288	12.01	ng		98
91) Dibenzo(a,h)anthracene	25.868	278	124590	11.33	ng		100
92) Benzo(g,h,i)perylene	26.568	276	120867	11.41	ng		95

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

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