Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041521\
Data File : BP005302.D
Acq On : 15 Apr 2021 17:14
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 16 00:58:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 00:51:26 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
4/16/2021 11:32:24 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	30330	20.00	ng		0.00
21) Naphthalene-d8	10.457	136	79926	20.00	ng		0.00
39) Acenaphthene-d10	14.328	164	54194	20.00	ng		0.00
64) Phenanthrene-d10	17.092	188	122434	20.00	ng		0.00
76) Chrysene-d12	21.198	240	164798	20.00	ng		0.00
86) Perylene-d12	23.463	264	161680	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.269	112	103068	35.66	ng		0.00
7) Phenol-d6	6.852	99	122682	37.20	ng		0.00
23) Nitrobenzene-d5	8.828	82	113150	44.64	ng		0.00
42) 2,4,6-Tribromophenol	15.834	330	30336	44.34	ng		0.00
45) 2-Fluorobiphenyl	12.940	172	176010	43.85	ng		0.00
79) Terphenyl-d14	19.669	244	347103	41.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.205	88	26845	15.73	ng	#	88
3) Pyridine	3.611	79	64342m	16.82	ng		
4) n-Nitrosodimethylamine	3.517	42	18215	16.13	ng	#	29
6) Aniline	7.005	93	55444	15.62	ng		97
8) 2-Chlorophenol	7.234	128	41111	19.82	ng		98
9) Benzaldehyde	6.816	77	34266	15.78	ng		98
10) Phenol	6.881	94	61010	18.07	ng		97
11) bis(2-Chloroethyl)ether	7.099	93	44794	18.51	ng		98
12) 1,3-Dichlorobenzene	7.552	146	49463	21.91	ng		99
13) 1,4-Dichlorobenzene	7.699	146	49304	22.13	ng		99
14) 1,2-Dichlorobenzene	8.011	146	47673	22.51	ng		97
15) Benzyl Alcohol	7.916	79	27960	12.24	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.193	45	27274	19.35	ng		97
17) 2-Methylphenol	8.122	107	28912	15.61	ng		99
18) Hexachloroethane	8.734	117	21033	21.76	ng		96
19) n-Nitroso-di-n-propyla...	8.475	70	31500	15.53	ng		97
20) 3+4-Methylphenols	8.452	107	36934	15.22	ng		92
22) Acetophenone	8.493	105	68766	24.42	ng	#	97
24) Nitrobenzene	8.869	77	57255	21.85	ng		98
25) Isophorone	9.393	82	66541	15.74	ng		99
26) 2-Nitrophenol	9.581	139	12659	17.40	ng		92
27) 2,4-Dimethylphenol	9.646	122	22118	18.77	ng		97
28) bis(2-Chloroethoxy)met...	9.875	93	33878	16.90	ng		97
29) 2,4-Dichlorophenol	10.116	162	24373	18.61	ng		98
30) 1,2,4-Trichlorobenzene	10.316	180	34095	22.71	ng		95
31) Naphthalene	10.504	128	99124	22.65	ng		99
32) Benzoic acid	9.793	122	12426	16.07	ng	#	77
33) 4-Chloroaniline	10.628	127	30819	18.90	ng		99
34) Hexachlorobutadiene	10.781	225	28759	27.65	ng		97
35) Caprolactam	11.422	113	7111	16.36	ng		89
36) 4-Chloro-3-methylphenol	11.769	107	30417	17.96	ng		99
37) 2-Methylnaphthalene	12.128	142	59017	19.89	ng		100
38) 1-Methylnaphthalene	12.351	142	59351	21.14	ng		93
40) 1,2,4,5-Tetrachloroben...	12.504	216	39851	21.82	ng		99
41) Hexachlorocyclopentadiene	12.475	237	9137	10.86	ng		91
43) 2,4,6-Trichlorophenol	12.757	196	20227	17.63	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.834	196	22862	18.26	ng		93
46) 1,1'-Biphenyl	13.157	154	83074	20.22	ng		98
47) 2-Chloronaphthalene	13.193	162	69469	21.40	ng		97
48) 2-Nitroaniline	13.416	65	17118	13.63	ng		96
49) Acenaphthylene	14.051	152	102087	20.33	ng		99
50) Dimethylphthalate	13.793	163	72389	18.20	ng		99
51) 2,6-Dinitrotoluene	13.916	165	18724	21.16	ng		94
52) Acenaphthene	14.393	154	66011	21.52	ng		98
53) 3-Nitroaniline	14.251	138	14246	17.65	ng		93
54) 2,4-Dinitrophenol	14.469	184	7522	15.54	ng		95
55) Dibenzofuran	14.728	168	119065	23.30	ng		100
56) 4-Nitrophenol	14.587	139	11134	16.43	ng		92
57) 2,4-Dinitrotoluene	14.716	165	25893	21.05	ng		96
58) Fluorene	15.387	166	93489	22.58	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.969	232	21513	19.30	ng	#	87
60) Diethylphthalate	15.163	149	69311	17.03	ng		97
61) 4-Chlorophenyl-phenyle...	15.381	204	48433	22.29	ng		92
62) 4-Nitroaniline	15.422	138	14044m	16.96	ng		
63) Azobenzene	15.675	77	119586	19.04	ng		98
65) 4,6-Dinitro-2-methylph...	15.487	198	14143	17.20	ng		95
66) n-Nitrosodiphenylamine	15.604	169	77864	21.05	ng		99
67) 4-Bromophenyl-phenylether	16.281	248	27367	19.56	ng		95
68) Hexachlorobenzene	16.392	284	35552	23.78	ng		94
69) Atrazine	16.563	200	20218	15.62	ng		97
70) Pentachlorophenol	16.751	266	14258	15.80	ng		95
71) Phenanthrene	17.134	178	158345	22.88	ng		98
72) Anthracene	17.228	178	145798	21.74	ng		99
73) Carbazole	17.504	167	137014	21.40	ng		98
74) Di-n-butylphthalate	18.063	149	105212	14.71	ng	#	95
75) Fluoranthene	19.122	202	182813	21.53	ng		99
77) Benzidine	19.310	184	35418	11.74	ng		97
78) Pyrene	19.475	202	197026	19.24	ng		100
80) Butylbenzylphthalate	20.351	149	40967	10.70	ng		98
81) Benzo(a)anthracene	21.180	228	220397	20.27	ng		99
82) 3,3'-Dichlorobenzidine	21.116	252	50289	15.81	ng	#	99
83) Chrysene	21.233	228	216864	20.50	ng		98
84) Bis(2-ethylhexyl)phtha...	21.110	149	69905	11.62	ng		98
85) Di-n-octyl phthalate	21.986	149	133875	12.39	ng		100
87) Indeno(1,2,3-cd)pyrene	25.792	276	254207	20.57	ng		100
88) Benzo(b)fluoranthene	22.780	252	226528	21.41	ng		99
89) Benzo(k)fluoranthene	22.821	252	226702	22.35	ng		99
90) Benzo(a)pyrene	23.369	252	210359	21.48	ng		97
91) Dibenzo(a,h)anthracene	25.798	278	219266	20.35	ng		98
92) Benzo(g,h,i)perylene	26.510	276	209406	20.10	ng		96

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

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