Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041921\
Data File : BP005337.D
Acq On : 19 Apr 2021 19:01
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 20 00:44:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 19 18:33:02 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
4/21/2021 8:37:01 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.646	152	34602	20.00	ng		0.00
21) Naphthalene-d8	10.434	136	68023	20.00	ng		0.00
39) Acenaphthene-d10	14.310	164	48903	20.00	ng		0.00
64) Phenanthrene-d10	17.075	188	120236	20.00	ng		0.00
76) Chrysene-d12	21.174	240	161987	20.00	ng		0.00
86) Perylene-d12	23.433	264	152127	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.252	112	269695	95.04	ng		0.00
7) Phenol-d6	6.840	99	346595	105.60	ng		0.00
23) Nitrobenzene-d5	8.816	82	278070	126.25	ng		0.00
42) 2,4,6-Tribromophenol	15.816	330	105174	161.79	ng		0.00
45) 2-Fluorobiphenyl	12.922	172	465069	126.32	ng		0.00
79) Terphenyl-d14	19.651	244	1080958	131.81	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.581	79	164531m	47.89	ng		
6) Aniline	6.987	93	159591	51.24	ng		98
8) 2-Chlorophenol	7.216	128	136879	61.11	ng		91
9) Benzaldehyde	6.799	77	58954	34.08	ng		87
10) Phenol	6.869	94	170841	51.78	ng		97
11) bis(2-Chloroethyl)ether	7.087	93	123759	51.58	ng		97
12) 1,3-Dichlorobenzene	7.534	146	162388	60.32	ng		95
13) 1,4-Dichlorobenzene	7.681	146	157585	59.65	ng		95
14) 1,2-Dichlorobenzene	7.999	146	149350	58.92	ng		95
15) Benzyl Alcohol	7.905	79	78886	47.30	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.181	45	78452	53.75	ng		96
17) 2-Methylphenol	8.105	107	85641	52.43	ng		93
18) Hexachloroethane	8.716	117	54518	49.25	ng		91
19) n-Nitroso-di-n-propyla...	8.463	70	78303	45.84	ng		94
20) 3+4-Methylphenols	8.440	107	104423	50.00	ng		97
22) Acetophenone	8.475	105	187131	70.25	ng		98
24) Nitrobenzene	8.857	77	136697	60.92	ng		93
25) Isophorone	9.381	82	165853	61.73	ng		95
26) 2-Nitrophenol	9.563	139	39280	71.15	ng		92
27) 2,4-Dimethylphenol	9.628	122	59762	64.47	ng		98
28) bis(2-Chloroethoxy)met...	9.863	93	86799	60.06	ng		100
29) 2,4-Dichlorophenol	10.099	162	73099	69.58	ng		94
30) 1,2,4-Trichlorobenzene	10.304	180	94759	68.86	ng		98
31) Naphthalene	10.487	128	245275	62.17	ng		99
32) Benzoic acid	9.822	122	40980	74.64	ng	#	81
33) 4-Chloroaniline	10.610	127	84948	65.40	ng		95
34) Hexachlorobutadiene	10.763	225	75742	68.57	ng		98
35) Caprolactam	11.428	113	16785	55.94	ng		89
36) 4-Chloro-3-methylphenol	11.757	107	76818	63.10	ng		92
37) 2-Methylnaphthalene	12.110	142	160928	66.41	ng		99
38) 1-Methylnaphthalene	12.334	142	153995	65.72	ng		98
40) 1,2,4,5-Tetrachloroben...	12.481	216	109501	63.54	ng		100
41) Hexachlorocyclopentadiene	12.457	237	41886	86.21	ng		98
43) 2,4,6-Trichlorophenol	12.740	196	60864	64.98	ng		99
44) 2,4,5-Trichlorophenol	12.816	196	67166	63.80	ng		97
46) 1,1'-Biphenyl	13.140	154	219278	61.66	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.181	162	175596	60.17	ng		98
48) 2-Nitroaniline	13.398	65	53003	66.82	ng		89
49) Acenaphthylene	14.028	152	272446	63.08	ng		100
50) Dimethylphthalate	13.781	163	202833	63.21	ng		97
51) 2,6-Dinitrotoluene	13.904	165	49941	61.87	ng		99
52) Acenaphthene	14.375	154	174684	62.39	ng		99
53) 3-Nitroaniline	14.234	138	42971	67.32	ng		93
54) 2,4-Dinitrophenol	14.451	184	29461	75.90	ng		95
55) Dibenzofuran	14.716	168	312937	63.41	ng		99
56) 4-Nitrophenol	14.563	139	33199	61.97	ng	#	89
57) 2,4-Dinitrotoluene	14.698	165	76322	67.91	ng		96
58) Fluorene	15.369	166	260949	66.50	ng		96
59) 2,3,4,6-Tetrachlorophenol	14.951	232	72195	74.54	ng	#	95
60) Diethylphthalate	15.151	149	214171	67.72	ng		99
61) 4-Chlorophenyl-phenyle...	15.363	204	149332	72.52	ng		98
62) 4-Nitroaniline	15.410	138	45499	69.32	ng		90
63) Azobenzene	15.657	77	306870	63.60	ng		94
65) 4,6-Dinitro-2-methylph...	15.469	198	51032	72.04	ng		95
66) n-Nitrosodiphenylamine	15.586	169	212982	60.00	ng		95
67) 4-Bromophenyl-phenylether	16.263	248	94989	72.06	ng		99
68) Hexachlorobenzene	16.375	284	113272	68.04	ng		98
69) Atrazine	16.551	200	75401	69.08	ng		95
70) Pentachlorophenol	16.728	266	59097	74.99	ng		93
71) Phenanthrene	17.116	178	436538	60.72	ng		99
72) Anthracene	17.210	178	427316	64.14	ng		99
73) Carbazole	17.486	167	385290	62.21	ng		97
74) Di-n-butylphthalate	18.045	149	357264	66.02	ng		99
75) Fluoranthene	19.098	202	545561	64.57	ng		99
77) Benzidine	19.286	184	117842	58.82	ng		97
78) Pyrene	19.451	202	579126	62.65	ng		99
80) Butylbenzylphthalate	20.327	149	128962	58.59	ng		94
81) Benzo(a)anthracene	21.163	228	621381	60.12	ng		100
82) 3,3'-Dichlorobenzidine	21.098	252	152387	59.64	ng		99
83) Chrysene	21.216	228	616633	60.29	ng		99
84) Bis(2-ethylhexyl)phtha...	21.086	149	209134	56.56	ng		98
85) Di-n-octyl phthalate	21.963	149	377773	55.12	ng		98
87) Indeno(1,2,3-cd)pyrene	25.757	276	711122	62.54	ng		97
88) Benzo(b)fluoranthene	22.751	252	648312	63.59	ng		99
89) Benzo(k)fluoranthene	22.798	252	623165	62.32	ng	#	98
90) Benzo(a)pyrene	23.339	252	574454	61.46	ng	#	98
91) Dibenzo(a,h)anthracene	25.762	278	615563	62.25	ng		98
92) Benzo(g,h,i)perylene	26.462	276	574527	61.23	ng		98

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

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