Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041921\
Data File : BP005332.D
Acq On : 19 Apr 2021 16:10
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 19 18:35:10 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 :
SSTDICC005

Manual Integrations APPROVED
mohammad
4/21/2021 8:36:48 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.651	152	22241	20.00	ng		0.00
21) Naphthalene-d8	10.440	136	41135	20.00	ng		0.00
39) Acenaphthene-d10	14.310	164	25336	20.00	ng		0.00
64) Phenanthrene-d10	17.074	188	57486	20.00	ng	#	0.00
76) Chrysene-d12	21.174	240	85281	20.00	ng	#	0.00
86) Perylene-d12	23.433	264	90512	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.252	112	12920	7.08	ng		0.00
7) Phenol-d6	6.840	99	12980	6.15	ng		0.00
23) Nitrobenzene-d5	8.810	82	12951	9.72	ng		0.00
42) 2,4,6-Tribromophenol	15.816	330	3527	10.47	ng		0.00
45) 2-Fluorobiphenyl	12.922	172	15646	8.20	ng		0.00
79) Terphenyl-d14	19.651	244	32441	7.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.187	88	4782	5.15	ng	#	83
3) Pyridine	3.634	79	8379m	3.79	ng		
4) n-Nitrosodimethylamine	3.516	42	3532	5.55	ng	#	1
6) Aniline	6.987	93	5516	2.76	ng		90
8) 2-Chlorophenol	7.222	128	4933	3.43	ng		87
9) Benzaldehyde	6.804	77	4187	3.77	ng	#	85
10) Phenol	6.863	94	6116	2.88	ng		90
11) bis(2-Chloroethyl)ether	7.087	93	5066	3.29	ng		98
12) 1,3-Dichlorobenzene	7.534	146	8304m	4.80	ng		
13) 1,4-Dichlorobenzene	7.681	146	7361	4.33	ng		95
14) 1,2-Dichlorobenzene	7.998	146	7055	4.33	ng		97
15) Benzyl Alcohol	7.904	79	2775	2.59	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.187	45	3354	3.57	ng		91
17) 2-Methylphenol	8.104	107	3197	3.05	ng	#	90
18) Hexachloroethane	8.710	117	3555	5.00	ng		98
19) n-Nitroso-di-n-propyla...	8.463	70	2757	2.51	ng	#	81
20) 3+4-Methylphenols	8.440	107	3946	2.94	ng		97
22) Acetophenone	8.481	105	7139	4.43	ng	#	92
24) Nitrobenzene	8.857	77	6220	4.58	ng	#	84
25) Isophorone	9.375	82	5437	3.35	ng	#	93
26) 2-Nitrophenol	9.563	139	1687	5.05	ng	#	74
27) 2,4-Dimethylphenol	9.634	122	2258	4.03	ng		90
28) bis(2-Chloroethoxy)met...	9.863	93	2653	3.04	ng	#	83
29) 2,4-Dichlorophenol	10.110	162	2731	4.30	ng		86
30) 1,2,4-Trichlorobenzene	10.298	180	4241	5.10	ng		87
31) Naphthalene	10.487	128	9392	3.94	ng		97
32) Benzoic acid	9.751	122	1619m	4.88	ng		
33) 4-Chloroaniline	10.628	127	3050	3.88	ng	#	80
34) Hexachlorobutadiene	10.763	225	3973	5.95	ng		95
35) Caprolactam	11.410	113	605	3.33	ng	#	72
36) 4-Chloro-3-methylphenol	11.763	107	2548	3.46	ng	#	73
37) 2-Methylnaphthalene	12.110	142	5511m	3.76	ng		
38) 1-Methylnaphthalene	12.334	142	5256	3.71	ng		99
40) 1,2,4,5-Tetrachloroben...	12.481	216	4171	4.67	ng		95
43) 2,4,6-Trichlorophenol	12.734	196	1941	4.00	ng		96
44) 2,4,5-Trichlorophenol	12.828	196	2102	3.85	ng	#	85

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.134	154	8056	4.37	ng		95
47) 2-Chloronaphthalene	13.175	162	6215	4.11	ng	#	90
48) 2-Nitroaniline	13.404	65	1425	3.47	ng	#	70
49) Acenaphthylene	14.028	152	8848	3.95	ng	#	93
50) Dimethylphthalate	13.775	163	6849	4.12	ng	#	99
51) 2,6-Dinitrotoluene	13.898	165	1708	4.08	ng		92
52) Acenaphthene	14.375	154	6140	4.23	ng	#	84
53) 3-Nitroaniline	14.239	138	1209	3.66	ng	#	71
54) 2,4-Dinitrophenol	14.469	184	723	3.60	ng	#	78
55) Dibenzofuran	14.716	168	10746	4.20	ng		90
56) 4-Nitrophenol	14.598	139	1031m	3.71	ng		
57) 2,4-Dinitrotoluene	14.698	165	2447	4.20	ng	#	77
58) Fluorene	15.369	166	7855	3.86	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.951	232	2580	5.14	ng	#	97
60) Diethylphthalate	15.145	149	6222	3.80	ng		94
61) 4-Chlorophenyl-phenyle...	15.363	204	4555	4.27	ng	#	85
62) 4-Nitroaniline	15.410	138	1245	3.66	ng	#	80
63) Azobenzene	15.657	77	7095	2.84	ng		88
65) 4,6-Dinitro-2-methylph...	15.469	198	1608	4.75	ng	#	65
66) n-Nitrosodiphenylamine	15.580	169	6606	3.89	ng	#	89
67) 4-Bromophenyl-phenylether	16.263	248	2837	4.50	ng	#	86
68) Hexachlorobenzene	16.375	284	3965	4.98	ng	#	88
69) Atrazine	16.545	200	2450	4.69	ng		96
70) Pentachlorophenol	16.739	266	1657	4.40	ng		93
71) Phenanthrene	17.116	178	15159	4.41	ng		97
72) Anthracene	17.210	178	12627	3.96	ng		99
73) Carbazole	17.492	167	11381	3.84	ng		97
74) Di-n-butylphthalate	18.045	149	10845	4.19	ng	#	95
75) Fluoranthene	19.098	202	16611	4.11	ng		95
77) Benzidine	19.286	184	6532	6.19	ng		97
78) Pyrene	19.451	202	16583	3.41	ng		99
80) Butylbenzylphthalate	20.327	149	4718	4.07	ng	#	81
81) Benzo(a)anthracene	21.157	228	22660	4.16	ng		96
82) 3,3'-Dichlorobenzidine	21.098	252	5890	4.38	ng	#	92
83) Chrysene	21.210	228	23084	4.29	ng		97
84) Bis(2-ethylhexyl)phtha...	21.086	149	7171	3.68	ng	#	82
85) Di-n-octyl phthalate	21.962	149	13831	3.83	ng	#	96
87) Indeno(1,2,3-cd)pyrene	25.739	276	31512	4.66	ng	#	95
88) Benzo(b)fluoranthene	22.745	252	25057	4.13	ng	#	94
89) Benzo(k)fluoranthene	22.792	252	24953	4.19	ng	#	93
90) Benzo(a)pyrene	23.333	252	23421	4.21	ng		95
91) Dibenzo(a,h)anthracene	25.745	278	27466	4.67	ng		92
92) Benzo(g,h,i)perylene	26.445	276	27476	4.92	ng		97

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

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