Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072221\
Data File : BP006279.D
Acq On : 22 Jul 2021 13:53
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 22 14:27:02 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 12:49:34 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
7/23/2021 11:51:48 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.799	152	391666	20.00	ng		0.00
21) Naphthalene-d8	10.587	136	1502942	20.00	ng		# 0.00
39) Acenaphthene-d10	14.428	164	860270	20.00	ng		0.00
64) Phenanthrene-d10	17.181	188	1646173	20.00	ng		# 0.00
76) Chrysene-d12	21.280	240	1533686	20.00	ng		# 0.00
86) Perylene-d12	23.633	264	1616442	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	3680144	156.54	ng		0.00
7) Phenol-d6	6.987	99	5146637	160.13	ng		0.01
23) Nitrobenzene-d5	8.963	82	4536680	181.77	ng		0.00
42) 2,4,6-Tribromophenol	15.922	330	1447101	163.42	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	8577005	151.76	ng		0.00
79) Terphenyl-d14	19.757	244	11304456	147.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	765678	77.89	ng		93
3) Pyridine	3.740	79	2260763m	82.62	ng		
4) n-Nitrosodimethylamine	3.658	42	784830	84.58	ng	#	71
6) Aniline	7.146	93	2812383	79.04	ng		98
8) 2-Chlorophenol	7.369	128	2022400	77.91	ng		94
9) Benzaldehyde	6.952	77	1244507	67.25	ng		95
10) Phenol	7.010	94	2547626	79.89	ng		96
11) bis(2-Chloroethyl)ether	7.240	93	1941711	78.62	ng		94
12) 1,3-Dichlorobenzene	7.693	146	2103317	73.96	ng		100
13) 1,4-Dichlorobenzene	7.840	146	2136141	74.09	ng		98
14) 1,2-Dichlorobenzene	8.152	146	2035150	73.70	ng		97
15) Benzyl Alcohol	8.052	79	1881981	81.34	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.340	45	2051825	82.46	ng		94
17) 2-Methylphenol	8.246	107	1664419	78.70	ng		97
18) Hexachloroethane	8.875	117	801608	78.21	ng		93
19) n-Nitroso-di-n-propyla...	8.628	70	1582370	80.37	ng		94
20) 3+4-Methylphenols	8.581	107	2274603	79.85	ng		95
22) Acetophenone	8.628	105	2913177	80.31	ng	#	97
24) Nitrobenzene	9.004	77	2352857	88.67	ng		95
25) Isophorone	9.540	82	4253012	83.53	ng		97
26) 2-Nitrophenol	9.710	139	1027083	103.05	ng		94
27) 2,4-Dimethylphenol	9.775	122	1638791	81.34	ng		100
28) bis(2-Chloroethoxy)met...	10.016	93	2313147	80.47	ng		98
29) 2,4-Dichlorophenol	10.240	162	1726707	83.03	ng		96
30) 1,2,4-Trichlorobenzene	10.451	180	1807016	76.85	ng		97
31) Naphthalene	10.640	128	6067432	76.91	ng		99
32) Benzoic acid	9.969	122	1329937	106.38	ng		98
33) 4-Chloroaniline	10.751	127	2528080	78.73	ng		97
34) Hexachlorobutadiene	10.922	225	1073428	77.00	ng		100
35) Caprolactam	11.587	113	572446m	91.47	ng		
36) 4-Chloro-3-methylphenol	11.887	107	2020066	83.45	ng		96
37) 2-Methylnaphthalene	12.251	142	4204124	76.31	ng		98
38) 1-Methylnaphthalene	12.469	142	3969579	76.19	ng		98
40) 1,2,4,5-Tetrachloroben...	12.616	216	1836525	78.82	ng		97
41) Hexachlorocyclopentadiene	12.598	237	1081182	84.75	ng		99
43) 2,4,6-Trichlorophenol	12.857	196	1279318	87.54	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	1380051	87.89	ng	#	93
46) 1,1'-Biphenyl	13.269	154	4946444	78.01	ng		97
47) 2-Chloronaphthalene	13.304	162	3840913	78.68	ng		96
48) 2-Nitroaniline	13.516	65	1248108	108.79	ng		96
49) Acenaphthylene	14.151	152	6105448	78.56	ng		99
50) Dimethylphthalate	13.904	163	4669697	77.36	ng		99
51) 2,6-Dinitrotoluene	14.016	165	1100576	92.90	ng		94
52) Acenaphthene	14.492	154	3733287	77.71	ng		100
53) 3-Nitroaniline	14.345	138	1208933	96.32	ng		90
54) 2,4-Dinitrophenol	14.545	184	600942	119.58	ng		93
55) Dibenzofuran	14.828	168	5767506	76.03	ng		97
56) 4-Nitrophenol	14.651	139	1037742	93.18	ng		87
57) 2,4-Dinitrotoluene	14.804	165	1489469	97.45	ng		95
58) Fluorene	15.481	166	4648524	76.50	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	1157820m	85.16	ng		
60) Diethylphthalate	15.275	149	4844566	77.76	ng		99
61) 4-Chlorophenyl-phenyle...	15.481	204	2182729	75.94	ng		96
62) 4-Nitroaniline	15.516	138	1256040	95.81	ng	#	85
63) Azobenzene	15.775	77	5184925	82.65	ng		93
65) 4,6-Dinitro-2-methylph...	15.563	198	837643	109.37	ng		85
66) n-Nitrosodiphenylamine	15.698	169	4027682	79.74	ng		99
67) 4-Bromophenyl-phenylether	16.375	248	1241972	74.89	ng		92
68) Hexachlorobenzene	16.481	284	1488578	78.27	ng		95
69) Atrazine	16.663	200	1284027	77.84	ng		97
70) Pentachlorophenol	16.828	266	991342	93.08	ng		99
71) Phenanthrene	17.228	178	6969499	77.30	ng		98
72) Anthracene	17.316	178	6829974	77.66	ng		98
73) Carbazole	17.592	167	6838497	77.57	ng		97
74) Di-n-butylphthalate	18.157	149	8046008	79.96	ng		99
75) Fluoranthene	19.198	202	7768198	75.07	ng		93
77) Benzidine	19.380	184	3372209	75.55	ng		99
78) Pyrene	19.551	202	7897742	77.98	ng		97
80) Butylbenzylphthalate	20.439	149	3756764	87.56	ng		91
81) Benzo(a)anthracene	21.263	228	7592632	77.15	ng		97
82) 3,3'-Dichlorobenzidine	21.204	252	2213184	81.21	ng	#	98
83) Chrysene	21.316	228	7250805	76.09	ng		96
84) Bis(2-ethylhexyl)phtha...	21.210	149	5465255	84.52	ng		99
85) Di-n-octyl phthalate	22.127	149	9149800	84.34	ng		97
87) Indeno(1,2,3-cd)pyrene	26.092	276	9146155	79.87	ng	#	89
88) Benzo(b)fluoranthene	22.921	252	8097601	77.64	ng	#	95
89) Benzo(k)fluoranthene	22.974	252	7631883	78.59	ng	#	96
90) Benzo(a)pyrene	23.533	252	7375150	78.81	ng	#	95
91) Dibenzo(a,h)anthracene	26.115	278	7820989	78.95	ng	#	92
92) Benzo(g,h,i)perylene	26.845	276	7618627	79.02	ng	#	90

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

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