Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
Data File : BP005240.D
Acq On : 08 Apr 2021 17:33
Operator : CG/JU
Sample : M1973-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 08 18:16:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 06 12:33:08 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
BU-02-040721MS

Manual Integrations APPROVED
mohammad
4/9/2021 11:18:53 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.687	152	23624	20.00	ng		0.00
21) Naphthalene-d8	10.475	136	81945	20.00	ng		#-0.01
39) Acenaphthene-d10	14.351	164	50856	20.00	ng		0.00
64) Phenanthrene-d10	17.110	188	110603	20.00	ng		# 0.00
76) Chrysene-d12	21.216	240	151036	20.00	ng		0.00
86) Perylene-d12	23.492	264	171113	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	221679	144.41	ng		0.00
7) Phenol-d6	6.875	99	257700	117.20	ng		0.00
23) Nitrobenzene-d5	8.846	82	165561	86.69	ng		-0.01
42) 2,4,6-Tribromophenol	15.851	330	101865	153.73	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	320977	85.38	ng		0.00
79) Terphenyl-d14	19.686	244	618323	74.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.222	88	44281	66.24	ng		96
3) Pyridine	3.617	79	106932	64.33	ng		97
4) n-Nitrosodimethylamine	3.528	42	33795	56.86	ng	#	93
6) Aniline	7.022	93	75255	30.20	ng	#	89
8) 2-Chlorophenol	7.258	128	75617	46.70	ng	#	78
9) Benzaldehyde	6.834	77	58761	52.47	ng	#	75
10) Phenol	6.899	94	114823	50.95	ng		83
11) bis(2-Chloroethyl)ether	7.122	93	82723	50.14	ng		92
12) 1,3-Dichlorobenzene	7.575	146	84614	47.04	ng	#	88
13) 1,4-Dichlorobenzene	7.722	146	85211	46.66	ng	#	94
14) 1,2-Dichlorobenzene	8.034	146	79987	45.66	ng		93
15) Benzyl Alcohol	7.934	79	76182	44.91	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.222	45	53247	44.00	ng		88
17) 2-Methylphenol	8.140	107	65698	45.68	ng	#	89
18) Hexachloroethane	8.757	117	32407	46.56	ng		98
19) n-Nitroso-di-n-propyla...	8.499	70	60600	42.48	ng	#	92
20) 3+4-Methylphenols	8.469	107	86212	43.90	ng		92
22) Acetophenone	8.516	105	118622	50.35	ng	#	95
24) Nitrobenzene	8.893	77	92534	45.98	ng	#	76
25) Isophorone	9.416	82	162851	46.20	ng	#	87
26) 2-Nitrophenol	9.599	139	38592	49.44	ng	#	69
27) 2,4-Dimethylphenol	9.663	122	64848	51.66	ng	#	84
28) bis(2-Chloroethoxy)met...	9.899	93	92948	52.10	ng	#	97
29) 2,4-Dichlorophenol	10.134	162	66065	47.04	ng		92
30) 1,2,4-Trichlorobenzene	10.340	180	76844	48.71	ng		98
31) Naphthalene	10.528	128	210857	45.55	ng		100
32) Benzoic acid	9.828	122	45977	49.34	ng	#	66
33) 4-Chloroaniline	10.646	127	20964	11.19	ng	#	85
34) Hexachlorobutadiene	10.804	225	53076	52.28	ng		98
35) Caprolactam	11.457	113	22459	48.73	ng	#	74
36) 4-Chloro-3-methylphenol	11.787	107	76901	45.32	ng	#	80
37) 2-Methylnaphthalene	12.151	142	146732	43.90	ng	#	96
38) 1-Methylnaphthalene	12.369	142	136415m	43.54	ng		
40) 1,2,4,5-Tetrachloroben...	12.522	216	92068	55.59	ng	#	97
41) Hexachlorocyclopentadiene	12.498	237	106391	118.10	ng		97
43) 2,4,6-Trichlorophenol	12.775	196	56074	48.99	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.845	196	61149	49.32	ng	#	93
46)	1,1'-Biphenyl	13.175	154	187459	48.33	ng		98
47)	2-Chloronaphthalene	13.216	162	147239	46.63	ng		98
48)	2-Nitroaniline	13.434	65	49233	48.94	ng	#	62
49)	Acenaphthylene	14.069	152	241228	49.13	ng		99
50)	Dimethylphthalate	13.816	163	192196	49.07	ng	#	97
51)	2,6-Dinitrotoluene	13.934	165	40072	43.41	ng	#	57
52)	Acenaphthene	14.416	154	141995	46.99	ng		96
53)	3-Nitroaniline	14.269	138	22770	26.80	ng	#	56
54)	2,4-Dinitrophenol	14.481	184	54656	97.77	ng	#	80
55)	Dibenzofuran	14.751	168	224825	45.40	ng		98
56)	4-Nitrophenol	14.592	139	69761	100.09	ng	#	47
57)	2,4-Dinitrotoluene	14.728	165	57193	46.91	ng	#	61
58)	Fluorene	15.404	166	183083	45.78	ng		100
59)	2,3,4,6-Tetrachlorophenol	14.987	232	58431	51.09	ng		92
60)	Diethylphthalate	15.187	149	177513	46.33	ng		98
61)	4-Chlorophenyl-phenyle...	15.398	204	102431	48.26	ng		95
62)	4-Nitroaniline	15.439	138	39742	45.53	ng	#	66
63)	Azobenzene	15.698	77	198633	45.36	ng		88
65)	4,6-Dinitro-2-methylph...	15.498	198	34701	42.99	ng		91
66)	n-Nitrosodiphenylamine	15.622	169	158027	44.45	ng		97
67)	4-Bromophenyl-phenylether	16.298	248	66068	51.56	ng		96
68)	Hexachlorobenzene	16.410	284	76812	53.30	ng		96
69)	Atrazine	16.586	200	61206	51.83	ng		97
70)	Pentachlorophenol	16.763	266	98700	103.73	ng		97
71)	Phenanthrene	17.157	178	300635	46.89	ng		99
72)	Anthracene	17.245	178	304512	48.61	ng		99
73)	Carbazole	17.522	167	272052	46.22	ng		99
74)	Di-n-butylphthalate	18.081	149	320263	49.45	ng	#	98
75)	Fluoranthene	19.133	202	404089	53.57	ng		98
77)	Benzidine	19.322	184	109780	33.13	ng		99
78)	Pyrene	19.486	202	409600	39.47	ng		99
80)	Butylbenzylphthalate	20.369	149	161448	41.92	ng	#	72
81)	Benzo(a)anthracene	21.198	228	473433	46.14	ng		98
82)	3,3'-Dichlorobenzidine	21.133	252	123963	35.95	ng		98
83)	Chrysene	21.251	228	456359	45.31	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.127	149	361791	64.07	ng	#	97
85)	Di-n-octyl phthalate	22.010	149	457260	48.03	ng	#	94
87)	Indeno(1,2,3-cd)pyrene	25.833	276	643281	50.14	ng	#	95
88)	Benzo(b)fluoranthene	22.804	252	563159	46.35	ng		99
89)	Benzo(k)fluoranthene	22.851	252	484709	41.63	ng		98
90)	Benzo(a)pyrene	23.392	252	471859	43.31	ng	#	98
91)	Dibenzo(a,h)anthracene	25.845	278	540544	48.72	ng	#	97
92)	Benzo(g,h,i)perylene	26.551	276	534129	49.89	ng	#	95

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

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