Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
Data File : BP005415.D
Acq On : 29 Apr 2021 18:23
Operator : CG/JU
Sample : M2196-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WALL-D-4075-AMS

Manual Integrations APPROVED
mohammad
5/3/2021 10:48:16 AM

Quant Time: Apr 30 01:11:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 29 16:42:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.622	152	29490	20.00	ng		0.00
21) Naphthalene-d8	10.410	136	99190	20.00	ng		0.00
39) Acenaphthene-d10	14.292	164	68289	20.00	ng		0.00
64) Phenanthrene-d10	17.057	188	163048	20.00	ng		0.00
76) Chrysene-d12	21.163	240	221221	20.00	ng		0.00
86) Perylene-d12	23.415	264	250866	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.228	112	246105	146.01	ng		0.00
7) Phenol-d6	6.822	99	302479	128.22	ng		0.00
23) Nitrobenzene-d5	8.793	82	231429	82.69	ng		0.00
42) 2,4,6-Tribromophenol	15.798	330	179495	126.72	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	472039	82.52	ng		0.00
79) Terphenyl-d14	19.639	244	974314	79.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.158	88	37282	39.84	ng	#	91
3) Pyridine	3.558	79	89253	42.46	ng	#	84
4) n-Nitrosodimethylamine	3.469	42	44114	49.55	ng	#	29
6) Aniline	6.969	93	98944	37.77	ng	#	83
8) 2-Chlorophenol	7.199	128	88288	50.45	ng		88
9) Benzaldehyde	6.781	77	86055	70.13	ng	#	72
10) Phenol	6.846	94	125438	53.33	ng	#	61
11) bis(2-Chloroethyl)ether	7.063	93	82429	50.89	ng		98
12) 1,3-Dichlorobenzene	7.516	146	100644	47.73	ng	#	88
13) 1,4-Dichlorobenzene	7.663	146	103404	48.27	ng		97
14) 1,2-Dichlorobenzene	7.975	146	97299	47.06	ng		94
15) Benzyl Alcohol	7.881	79	112915	52.19	ng	#	76
16) 2,2'-oxybis(1-Chloropr...	8.146	45	37086	52.60	ng		69
17) 2-Methylphenol	8.087	107	76917	51.09	ng	#	83
18) Hexachloroethane	8.693	117	42420	48.12	ng		92
19) n-Nitroso-di-n-propyla...	8.440	70	85110	45.72	ng	#	83
20) 3+4-Methylphenols	8.416	107	103241	50.13	ng		89
22) Acetophenone	8.457	105	149638	50.12	ng	#	99
24) Nitrobenzene	8.834	77	131485	45.98	ng		91
25) Isophorone	9.357	82	203663	44.78	ng		95
26) 2-Nitrophenol	9.540	139	47521	50.17	ng	#	80
27) 2,4-Dimethylphenol	9.610	122	78931	55.49	ng	#	80
28) bis(2-Chloroethoxy)met...	9.840	93	100405	51.04	ng		97
29) 2,4-Dichlorophenol	10.075	162	93299	48.22	ng		97
30) 1,2,4-Trichlorobenzene	10.281	180	113456	46.25	ng		94
31) Naphthalene	10.463	128	251628	47.52	ng		97
32) Benzoic acid	9.793	122	55271	53.05	ng	#	63
33) 4-Chloroaniline	10.593	127	30259	14.24	ng	#	90
34) Hexachlorobutadiene	10.740	225	94031	44.07	ng		99
35) Caprolactam	11.398	113	24866m	45.85	ng		
36) 4-Chloro-3-methylphenol	11.734	107	100351	48.36	ng		88
37) 2-Methylnaphthalene	12.087	142	192987	46.91	ng		96
38) 1-Methylnaphthalene	12.310	142	175690	44.97	ng		98
40) 1,2,4,5-Tetrachloroben...	12.463	216	150896	50.63	ng		98
41) Hexachlorocyclopentadiene	12.434	237	122744	93.56	ng		98
43) 2,4,6-Trichlorophenol	12.716	196	92500	50.80	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	97669	50.20	ng		91
46) 1,1'-Biphenyl	13.116	154	265642	51.85	ng		99
47) 2-Chloronaphthalene	13.157	162	211327	50.43	ng		99
48) 2-Nitroaniline	13.381	65	74285	53.91	ng		92
49) Acenaphthylene	14.010	152	315179	50.84	ng		100
50) Dimethylphthalate	13.763	163	278542	50.30	ng		99
51) 2,6-Dinitrotoluene	13.887	165	56704	46.21	ng		92
52) Acenaphthene	14.357	154	187499	48.55	ng		96
53) 3-Nitroaniline	14.216	138	25367	25.78	ng		94
54) 2,4-Dinitrophenol	14.439	184	63870	81.15	ng		86
55) Dibenzofuran	14.698	168	329090	47.40	ng		96
56) 4-Nitrophenol	14.551	139	82669	109.88	ng	#	85
57) 2,4-Dinitrotoluene	14.686	165	84746	47.80	ng		93
58) Fluorene	15.351	166	277980	48.35	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.934	232	89683	46.57	ng	#	90
60) Diethylphthalate	15.134	149	273241	50.24	ng		99
61) 4-Chlorophenyl-phenyle...	15.345	204	173557	48.16	ng		100
62) 4-Nitroaniline	15.392	138	40868	44.78	ng		94
63) Azobenzene	15.645	77	306971	46.24	ng		96
65) 4,6-Dinitro-2-methylph...	15.451	198	42518	34.56	ng		91
66) n-Nitrosodiphenylamine	15.569	169	233804	49.56	ng	#	91
67) 4-Bromophenyl-phenylether	16.245	248	109323	47.85	ng		90
68) Hexachlorobenzene	16.357	284	126313	48.06	ng	#	90
69) Atrazine	16.533	200	103950	48.72	ng		98
70) Pentachlorophenol	16.710	266	162145	114.36	ng		95
71) Phenanthrene	17.104	178	435754	49.20	ng		99
72) Anthracene	17.192	178	447972	50.36	ng		100
73) Carbazole	17.475	167	373758	47.35	ng		99
74) Di-n-butylphthalate	18.027	149	455400	52.69	ng		97
75) Fluoranthene	19.086	202	598623	49.05	ng		98
77) Benzidine	19.274	184	177610	46.95	ng		99
78) Pyrene	19.439	202	621676	49.20	ng		99
80) Butylbenzylphthalate	20.321	149	214876	53.03	ng		93
81) Benzo(a)anthracene	21.151	228	693812	48.35	ng		99
82) 3,3'-Dichlorobenzidine	21.086	252	221100	44.83	ng		96
83) Chrysene	21.204	228	685889	49.04	ng		99
84) Bis(2-ethylhexyl)phtha...	21.074	149	330018	52.40	ng		97
85) Di-n-octyl phthalate	21.951	149	572169	53.51	ng		98
87) Indeno(1,2,3-cd)pyrene	25.733	276	1060990	52.56	ng		98
88) Benzo(b)fluoranthene	22.739	252	793748	47.52	ng		98
89) Benzo(k)fluoranthene	22.780	252	781243	48.95	ng		99
90) Benzo(a)pyrene	23.321	252	781318	51.30	ng	#	99
91) Dibenzo(a,h)anthracene	25.739	278	911344	51.86	ng		100
92) Benzo(g,h,i)perylene	26.427	276	852007	52.22	ng		96

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

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