Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
Data File : BP005408.D
Acq On : 29 Apr 2021 13:54
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 29 14:42:33 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 14:39:11 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
5/3/2021 10:48:04 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.628	152	25637	20.00	ng	#	0.00
21) Naphthalene-d8	10.416	136	87361	20.00	ng		0.00
39) Acenaphthene-d10	14.293	164	66764	20.00	ng		0.00
64) Phenanthrene-d10	17.057	188	164152	20.00	ng	#	0.00
76) Chrysene-d12	21.163	240	224964	20.00	ng		0.00
86) Perylene-d12	23.416	264	241498	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.228	112	122356	82.90	ng		0.00
7) Phenol-d6	6.817	99	166693	81.98	ng		0.00
23) Nitrobenzene-d5	8.793	82	200630	99.89	ng		0.00
42) 2,4,6-Tribromophenol	15.798	330	110444	86.48	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	445824	86.44	ng		0.00
79) Terphenyl-d14	19.639	244	1000594	82.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.164	88	32775	41.67	ng	#	91
3) Pyridine	3.564	79	77273	45.27	ng	#	83
4) n-Nitrosodimethylamine	3.481	42	32195	36.59	ng	#	31
6) Aniline	6.964	93	91555	41.49	ng	#	82
8) 2-Chlorophenol	7.199	128	61643	40.79	ng		87
9) Benzaldehyde	6.781	77	42201	35.49	ng	#	70
10) Phenol	6.840	94	82734	40.79	ng	#	58
11) bis(2-Chloroethyl)ether	7.064	93	58713	40.15	ng		96
12) 1,3-Dichlorobenzene	7.516	146	74138	40.58	ng	#	86
13) 1,4-Dichlorobenzene	7.664	146	74493	39.98	ng		98
14) 1,2-Dichlorobenzene	7.975	146	72608	40.74	ng		96
15) Benzyl Alcohol	7.881	79	77645	47.88	ng	#	74
16) 2,2'-oxybis(1-Chloropr...	8.164	45	24370	19.86	ng	#	51
17) 2-Methylphenol	8.081	107	52376	41.06	ng	#	81
18) Hexachloroethane	8.693	117	32318	45.36	ng		94
19) n-Nitroso-di-n-propyla...	8.440	70	65014	49.23	ng	#	82
20) 3+4-Methylphenols	8.411	107	72706	42.46	ng		86
22) Acetophenone	8.458	105	106312	42.40	ng	#	99
24) Nitrobenzene	8.834	77	102753	47.32	ng	#	88
25) Isophorone	9.358	82	162473	46.55	ng	#	93
26) 2-Nitrophenol	9.540	139	35298	50.50	ng		87
27) 2,4-Dimethylphenol	9.605	122	51434	43.63	ng	#	84
28) bis(2-Chloroethoxy)met...	9.840	93	70660	42.10	ng		98
29) 2,4-Dichlorophenol	10.075	162	69776	44.73	ng		97
30) 1,2,4-Trichlorobenzene	10.281	180	86752	42.33	ng		97
31) Naphthalene	10.463	128	187501	40.67	ng		99
32) Benzoic acid	9.781	122	39946	52.06	ng	#	74
33) 4-Chloroaniline	10.587	127	76734	43.88	ng	#	94
34) Hexachlorobutadiene	10.746	225	76152	41.88	ng		96
35) Caprolactam	11.393	113	19194	44.12	ng		92
36) 4-Chloro-3-methylphenol	11.734	107	74174	44.08	ng		90
37) 2-Methylnaphthalene	12.087	142	144944	42.94	ng		96
38) 1-Methylnaphthalene	12.310	142	138622	42.99	ng		91
40) 1,2,4,5-Tetrachloroben...	12.463	216	116099	39.94	ng		98
41) Hexachlorocyclopentadiene	12.434	237	42883	45.53	ng		94
43) 2,4,6-Trichlorophenol	12.716	196	71134	45.18	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.799	196	75926	44.17	ng		92
46) 1,1'-Biphenyl	13.116	154	201536	42.41	ng		97
47) 2-Chloronaphthalene	13.157	162	165076	42.19	ng		97
48) 2-Nitroaniline	13.381	65	55855	52.00	ng		94
49) Acenaphthylene	14.010	152	240687	42.51	ng		99
50) Dimethylphthalate	13.763	163	212506	43.85	ng		100
51) 2,6-Dinitrotoluene	13.887	165	47380	44.83	ng		93
52) Acenaphthene	14.357	154	148964	41.70	ng		97
53) 3-Nitroaniline	14.222	138	39130	44.78	ng		99
54) 2,4-Dinitrophenol	14.440	184	32017	53.16	ng		91
55) Dibenzofuran	14.698	168	268428	41.95	ng		95
56) 4-Nitrophenol	14.551	139	29507	42.42	ng		83
57) 2,4-Dinitrotoluene	14.687	165	69606	47.08	ng		94
58) Fluorene	15.351	166	226152	44.05	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.934	232	74035	41.39	ng		92
60) Diethylphthalate	15.134	149	211730	46.29	ng		97
61) 4-Chlorophenyl-phenyle...	15.351	204	140449	42.64	ng		98
62) 4-Nitroaniline	15.393	138	37396	45.61	ng		92
63) Azobenzene	15.645	77	261618	49.08	ng		96
65) 4,6-Dinitro-2-methylph...	15.457	198	50000	46.33	ng		92
66) n-Nitrosodiphenylamine	15.569	169	188431	42.01	ng	#	94
67) 4-Bromophenyl-phenylether	16.245	248	93489	41.68	ng		92
68) Hexachlorobenzene	16.357	284	106976	40.67	ng	#	90
69) Atrazine	16.534	200	85756	45.80	ng		99
70) Pentachlorophenol	16.716	266	59244	41.89	ng		97
71) Phenanthrene	17.098	178	358176	40.94	ng		99
72) Anthracene	17.192	178	359365	42.18	ng		99
73) Carbazole	17.475	167	319817	41.71	ng		99
74) Di-n-butylphthalate	18.034	149	358404	49.50	ng	#	96
75) Fluoranthene	19.086	202	493635	41.10	ng		98
77) Benzidine	19.281	184	167473	47.11	ng		100
78) Pyrene	19.439	202	509013	40.35	ng		99
80) Butylbenzylphthalate	20.322	149	172608	60.24	ng		90
81) Benzo(a)anthracene	21.151	228	575340	39.75	ng		99
82) 3,3'-Dichlorobenzidine	21.086	252	201250	44.73	ng		92
83) Chrysene	21.204	228	567846	39.38	ng		99
84) Bis(2-ethylhexyl)phtha...	21.075	149	273763	62.19	ng		98
85) Di-n-octyl phthalate	21.951	149	461381	53.97	ng		99
87) Indeno(1,2,3-cd)pyrene	25.727	276	798177	43.26	ng		98
88) Benzo(b)fluoranthene	22.739	252	628590	39.53	ng		99
89) Benzo(k)fluoranthene	22.780	252	623453m	39.94	ng		
90) Benzo(a)pyrene	23.322	252	583438	40.24	ng		99
91) Dibenzo(a,h)anthracene	25.733	278	693779	43.42	ng		100
92) Benzo(g,h,i)perylene	26.427	276	645522	43.13	ng	#	97

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

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