Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040921\
Data File : BP005257.D
Acq On : 09 Apr 2021 18:10
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP040921

Manual Integrations APPROVED
mohammad
4/12/2021 2:43:39 PM

Quant Time: Apr 09 18:47:29 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 09 18:44:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.681	152	26238	20.00	ng		# 0.00
21) Naphthalene-d8	10.469	136	82274	20.00	ng		# 0.00
39) Acenaphthene-d10	14.340	164	49024	20.00	ng		0.00
64) Phenanthrene-d10	17.104	188	109793	20.00	ng		# 0.00
76) Chrysene-d12	21.204	240	130469	20.00	ng		# 0.00
86) Perylene-d12	23.475	264	133173	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	208121	83.25	ng		0.00
7) Phenol-d6	6.864	99	232539	81.52	ng		0.00
23) Nitrobenzene-d5	8.840	82	224410	86.02	ng		0.00
42) 2,4,6-Tribromophenol	15.846	330	52771	85.28	ng		0.00
45) 2-Fluorobiphenyl	12.952	172	305473	84.12	ng		0.00
79) Terphenyl-d14	19.681	244	535954	80.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.223	88	61484	41.65	ng		97
3) Pyridine	3.623	79	145052	43.83	ng		93
4) n-Nitrosodimethylamine	3.529	42	42945	43.96	ng	#	85
6) Aniline	7.017	93	125380	40.83	ng	#	78
8) 2-Chlorophenol	7.246	128	73929	41.21	ng	#	70
9) Benzaldehyde	6.828	77	76681	40.82	ng	#	67
10) Phenol	6.893	94	118591	40.59	ng		73
11) bis(2-Chloroethyl)ether	7.117	93	87780	41.92	ng		85
12) 1,3-Dichlorobenzene	7.569	146	77901	39.90	ng	#	84
13) 1,4-Dichlorobenzene	7.717	146	78343	40.64	ng	#	87
14) 1,2-Dichlorobenzene	8.028	146	73384	40.05	ng	#	89
15) Benzyl Alcohol	7.928	79	79736	40.35	ng	#	77
16) 2,2'-oxybis(1-Chloropr...	8.216	45	47722	39.15	ng		67
17) 2-Methylphenol	8.134	107	65053	40.59	ng	#	82
18) Hexachloroethane	8.746	117	33691	40.29	ng		85
19) n-Nitroso-di-n-propyla...	8.493	70	72958	41.58	ng	#	85
20) 3+4-Methylphenols	8.458	107	84657	40.33	ng		85
22) Acetophenone	8.505	105	120365	41.52	ng	#	88
24) Nitrobenzene	8.881	77	114625	42.50	ng	#	63
25) Isophorone	9.411	82	181675	41.74	ng	#	83
26) 2-Nitrophenol	9.593	139	31311	41.80	ng	#	34
27) 2,4-Dimethylphenol	9.658	122	51358	42.34	ng	#	78
28) bis(2-Chloroethoxy)met...	9.893	93	85731	41.55	ng	#	96
29) 2,4-Dichlorophenol	10.128	162	56328	41.79	ng		86
30) 1,2,4-Trichlorobenzene	10.334	180	64265	41.58	ng		98
31) Naphthalene	10.516	128	185827	41.25	ng		99
32) Benzoic acid	9.816	122	32364	40.67	ng	#	43
33) 4-Chloroaniline	10.640	127	70157	41.79	ng	#	72
34) Hexachlorobutadiene	10.799	225	44185	41.26	ng		97
35) Caprolactam	11.440	113	18764	41.93	ng	#	67
36) 4-Chloro-3-methylphenol	11.775	107	72408	41.53	ng	#	70
37) 2-Methylnaphthalene	12.140	142	125205	40.99	ng	#	91
38) 1-Methylnaphthalene	12.363	142	118935	41.14	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.516	216	70266	42.54	ng	#	96
41) Hexachlorocyclopentadiene	12.487	237	32987	43.34	ng		95
43) 2,4,6-Trichlorophenol	12.763	196	45143	43.50	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	47499	41.95	ng	#	86
46) 1,1'-Biphenyl	13.169	154	157347	42.35	ng		94
47) 2-Chloronaphthalene	13.204	162	124423	42.37	ng		92
48) 2-Nitroaniline	13.422	65	50979	40.49	ng	#	39
49) Acenaphthylene	14.063	152	192562	42.39	ng		99
50) Dimethylphthalate	13.804	163	154727	43.00	ng		99
51) 2,6-Dinitrotoluene	13.928	165	35910	44.87	ng	#	11
52) Acenaphthene	14.404	154	116042	41.82	ng		99
53) 3-Nitroaniline	14.257	138	32542	40.93	ng	#	20
54) 2,4-Dinitrophenol	14.475	184	18802	40.13	ng	#	48
55) Dibenzofuran	14.746	168	194728	42.13	ng		92
56) 4-Nitrophenol	14.587	139	26415	43.09	ng	#	1
57) 2,4-Dinitrotoluene	14.722	165	48692	43.76	ng	#	7
58) Fluorene	15.398	166	159796	42.66	ng		96
59) 2,3,4,6-Tetrachlorophenol	14.975	232	43242	42.88	ng	#	94
60) Diethylphthalate	15.175	149	160182	43.52	ng		99
61) 4-Chlorophenyl-phenyle...	15.393	204	82344	41.90	ng		94
62) 4-Nitroaniline	15.428	138	34931	42.52	ng	#	20
63) Azobenzene	15.687	77	250101	44.03	ng	#	77
65) 4,6-Dinitro-2-methylph...	15.493	198	30223	41.00	ng		72
66) n-Nitrosodiphenylamine	15.610	169	135882	40.96	ng		98
67) 4-Bromophenyl-phenylether	16.293	248	50908	40.58	ng	#	90
68) Hexachlorobenzene	16.404	284	54326	40.52	ng	#	83
69) Atrazine	16.575	200	49857	42.95	ng		98
70) Pentachlorophenol	16.757	266	33931	41.94	ng		95
71) Phenanthrene	17.145	178	256121	41.27	ng		99
72) Anthracene	17.240	178	251713	41.86	ng		98
73) Carbazole	17.516	167	236588	41.20	ng		99
74) Di-n-butylphthalate	18.069	149	273093	42.57	ng	#	96
75) Fluoranthene	19.128	202	313634	41.20	ng		98
77) Benzidine	19.316	184	101100	42.34	ng		99
78) Pyrene	19.481	202	325758	40.17	ng		98
80) Butylbenzylphthalate	20.357	149	120056	39.62	ng	#	55
81) Benzo(a)anthracene	21.186	228	346149	40.21	ng		97
82) 3,3'-Dichlorobenzidine	21.128	252	100732	40.00	ng		100
83) Chrysene	21.239	228	331298	39.56	ng		99
84) Bis(2-ethylhexyl)phtha...	21.116	149	192848	40.51	ng		98
85) Di-n-octyl phthalate	21.998	149	336435	39.34	ng	#	89
87) Indeno(1,2,3-cd)pyrene	25.810	276	419040	41.16	ng	#	95
88) Benzo(b)fluoranthene	22.786	252	361003	41.41	ng		99
89) Benzo(k)fluoranthene	22.833	252	341433m	40.86	ng		
90) Benzo(a)pyrene	23.375	252	332583	41.22	ng		97
91) Dibenzo(a,h)anthracene	25.816	278	365675	41.20	ng	#	96
92) Benzo(g,h,i)perylene	26.516	276	354873	41.35	ng	#	94

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

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