Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042921\
Data File : BP005412.D
Acq On : 29 Apr 2021 16:38
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP042921

Manual Integrations APPROVED
mohammad
5/3/2021 10:48:12 AM

Quant Time: Apr 30 11:30:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 30 11:27:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.634	152	26666	20.00	ng		0.00
21) Naphthalene-d8	10.422	136	92610	20.00	ng		0.00
39) Acenaphthene-d10	14.298	164	69677	20.00	ng		0.00
64) Phenanthrene-d10	17.069	188	169954	20.00	ng	#	0.01
76) Chrysene-d12	21.175	240	229365	20.00	ng		0.01
86) Perylene-d12	23.427	264	238165	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.234	112	129166	84.75	ng		0.00
7) Phenol-d6	6.822	99	174650	81.87	ng		0.00
23) Nitrobenzene-d5	8.799	82	208719	79.88	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	115623	80.00	ng		0.01
45) 2-Fluorobiphenyl	12.910	172	459988	78.81	ng		0.00
79) Terphenyl-d14	19.651	244	1035049	81.08	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.164	88	37008	43.74	ng		91
3) Pyridine	3.564	79	86515	45.51	ng	#	86
4) n-Nitrosodimethylamine	3.476	42	36422	45.24	ng	#	28
6) Aniline	6.969	93	96351	40.68	ng	#	80
8) 2-Chlorophenol	7.205	128	64838	40.97	ng		90
9) Benzaldehyde	6.787	77	44891	40.46	ng	#	72
10) Phenol	6.852	94	86669	40.75	ng	#	65
11) bis(2-Chloroethyl)ether	7.069	93	60694	41.44	ng		97
12) 1,3-Dichlorobenzene	7.522	146	75686	39.69	ng	#	86
13) 1,4-Dichlorobenzene	7.669	146	77894	40.22	ng		99
14) 1,2-Dichlorobenzene	7.981	146	75040	40.14	ng		97
15) Benzyl Alcohol	7.887	79	81304	41.56	ng	#	73
16) 2,2'-oxybis(1-Chloropr...	8.175	45	26114	40.96	ng	#	56
17) 2-Methylphenol	8.087	107	55010	40.41	ng	#	82
18) Hexachloroethane	8.699	117	32248	40.45	ng		92
19) n-Nitroso-di-n-propyla...	8.446	70	69396	41.23	ng	#	83
20) 3+4-Methylphenols	8.422	107	75706	40.65	ng		88
22) Acetophenone	8.463	105	112490	40.36	ng	#	97
24) Nitrobenzene	8.840	77	105696	39.59	ng	#	87
25) Isophorone	9.363	82	170212	40.08	ng	#	93
26) 2-Nitrophenol	9.546	139	36280	41.02	ng	#	74
27) 2,4-Dimethylphenol	9.616	122	53028	39.93	ng	#	79
28) bis(2-Chloroethoxy)met...	9.846	93	72370	39.40	ng		97
29) 2,4-Dichlorophenol	10.087	162	73879	40.90	ng		95
30) 1,2,4-Trichlorobenzene	10.287	180	88399	38.59	ng		99
31) Naphthalene	10.475	128	194111	39.26	ng		97
32) Benzoic acid	9.787	122	41181	42.33	ng	#	59
33) 4-Chloroaniline	10.599	127	78807	39.73	ng	#	92
34) Hexachlorobutadiene	10.752	225	76349	38.33	ng		99
35) Caprolactam	11.405	113	20286	40.07	ng		96
36) 4-Chloro-3-methylphenol	11.740	107	77138	39.81	ng		91
37) 2-Methylnaphthalene	12.099	142	148697	38.71	ng		95
38) 1-Methylnaphthalene	12.322	142	143238	39.66	ng		92
40) 1,2,4,5-Tetrachloroben...	12.475	216	120906	39.76	ng		98
41) Hexachlorocyclopentadiene	12.446	237	45107	39.04	ng		95
43) 2,4,6-Trichlorophenol	12.722	196	73618	39.63	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	78979	39.78	ng		90
46) 1,1'-Biphenyl	13.128	154	206630	39.53	ng		98
47) 2-Chloronaphthalene	13.163	162	170195	39.80	ng		99
48) 2-Nitroaniline	13.387	65	59007	41.97	ng		91
49) Acenaphthylene	14.022	152	250235	39.56	ng		99
50) Dimethylphthalate	13.769	163	223068	39.48	ng		100
51) 2,6-Dinitrotoluene	13.893	165	49939	39.89	ng		96
52) Acenaphthene	14.369	154	153091	38.85	ng		96
53) 3-Nitroaniline	14.228	138	40802	40.63	ng		93
54) 2,4-Dinitrophenol	14.446	184	32987	41.07	ng		89
55) Dibenzofuran	14.704	168	281345	39.72	ng		96
56) 4-Nitrophenol	14.557	139	31929	41.59	ng		90
57) 2,4-Dinitrotoluene	14.693	165	71714	39.65	ng	#	96
58) Fluorene	15.357	166	232611	39.66	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.940	232	78724	40.06	ng		94
60) Diethylphthalate	15.140	149	221655	39.95	ng		99
61) 4-Chlorophenyl-phenyle...	15.357	204	145365	39.53	ng		99
62) 4-Nitroaniline	15.404	138	39445	42.36	ng	#	87
63) Azobenzene	15.651	77	269720	39.82	ng		96
65) 4,6-Dinitro-2-methylph...	15.463	198	52507	40.94	ng		93
66) n-Nitrosodiphenylamine	15.581	169	196727	40.00	ng	#	93
67) 4-Bromophenyl-phenylether	16.257	248	94900	39.85	ng		97
68) Hexachlorobenzene	16.369	284	110251	40.24	ng	#	92
69) Atrazine	16.545	200	89658	40.31	ng		99
70) Pentachlorophenol	16.722	266	62255	42.12	ng		97
71) Phenanthrene	17.110	178	370738	40.16	ng		99
72) Anthracene	17.204	178	369146	39.81	ng		99
73) Carbazole	17.481	167	331860	40.34	ng		99
74) Di-n-butylphthalate	18.039	149	367965	40.85	ng	#	96
75) Fluoranthene	19.092	202	509951	40.09	ng		99
77) Benzidine	19.286	184	164023	41.82	ng		100
78) Pyrene	19.451	202	528284	40.32	ng		99
80) Butylbenzylphthalate	20.328	149	172798	41.13	ng		87
81) Benzo(a)anthracene	21.157	228	600217	40.34	ng		99
82) 3,3'-Dichlorobenzidine	21.098	252	205588	40.21	ng		96
83) Chrysene	21.210	228	579776	39.98	ng		99
84) Bis(2-ethylhexyl)phtha...	21.086	149	269434	41.26	ng		98
85) Di-n-octyl phthalate	21.957	149	445852	40.21	ng		98
87) Indeno(1,2,3-cd)pyrene	25.745	276	774460	40.41	ng		98
88) Benzo(b)fluoranthene	22.745	252	639634	40.33	ng		99
89) Benzo(k)fluoranthene	22.792	252	613344m	40.48	ng		
90) Benzo(a)pyrene	23.333	252	579261	40.06	ng		99
91) Dibenzo(a,h)anthracene	25.751	278	674916	40.46	ng		99
92) Benzo(g,h,i)perylene	26.445	276	625377	40.38	ng	#	96

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

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